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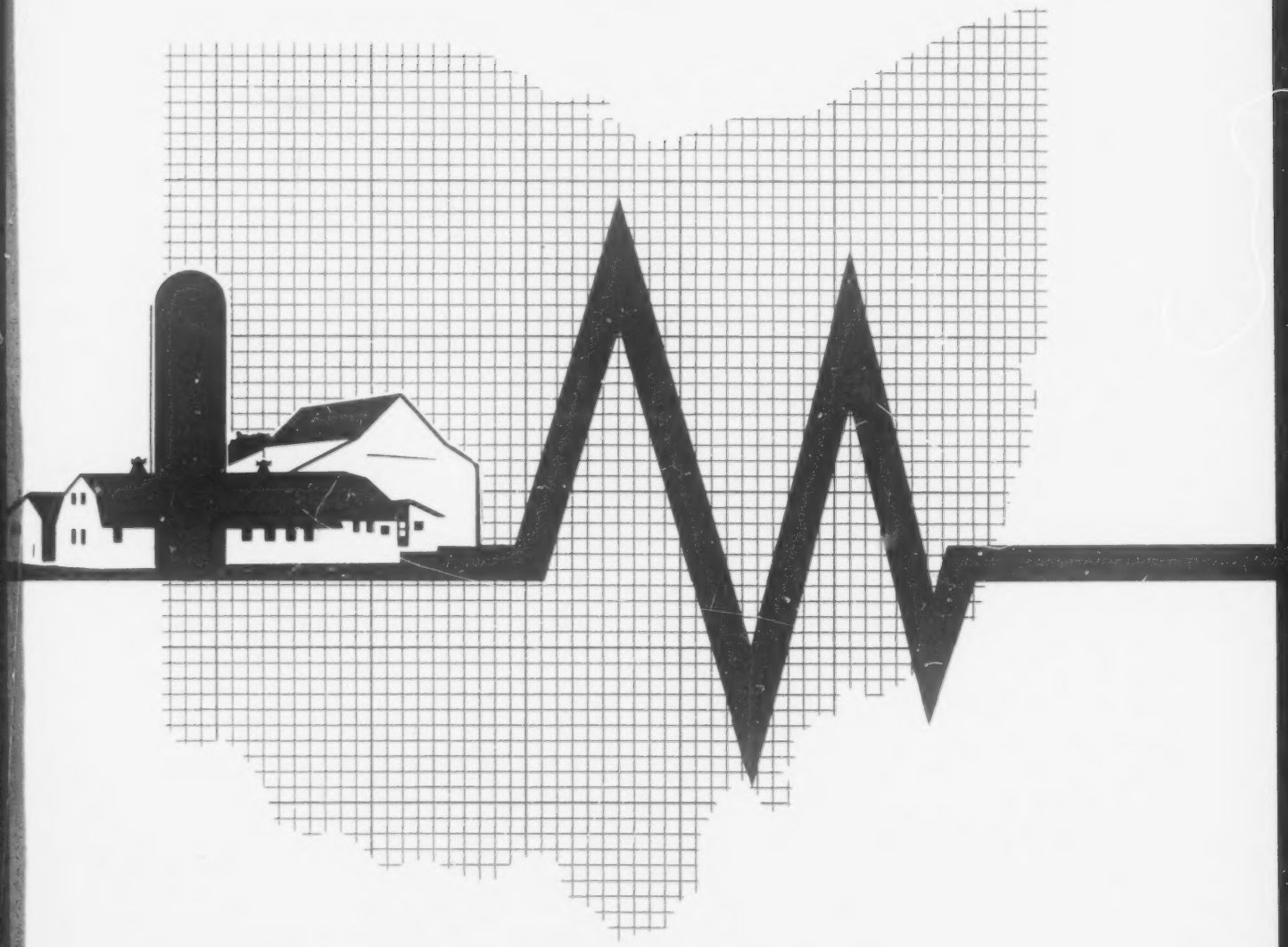
Ohio Agricultural Statistics

1981



OHIO
CROP
REPORTING
SERVICE

JUNE 1982

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1981

OHIO AGRICULTURAL STATISTICS

Compiled by

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ACKNOWLEDGMENTS

Estimates made by the Ohio Crop Reporting Service are based on information supplied by crop, livestock, and price reporters who voluntarily reply to mailed questionnaires, furnishing information on their farms. To supplement our estimates from the mailed questionnaires, considerable information is collected in person or by telephone, by statisticians and enumerators.

Our appreciation is extended to the large number of Ohio farmers and agribusinessmen for their interest and cooperation in providing the basic data used to prepare the estimates for this bulletin.

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1981 ANNUAL CROP, VEGETABLE AND FRUIT REVIEW

The 1981 crop year was one most Ohio farmers would not want to see repeated. The "double whammy" of lower yield of field crops and generally poorer prices created large economic losses for many farm operators. Wet spring weather followed by further flooding, insects, and diseases hurt yields. Soil erosion was the worst in years. Dry weather in July and August added to the losses. The Index of Total Crop Production (1977=100) fell to 92, down 20 points from 1980. This coupled with lower prices dropped the farm value of Ohio field crops to $2.18 billion, 28 percent below the 1980 figure.

Corn production fell to 360 million bushels, well below 1980's record high of 440.7 million bushels. The State average yield was 96 bushels per acre, 17 bushels less than the 1980 yield. Planting began on schedule, but was slowed, and at times, halted by an exceptionally wet spring. Many areas of the State were planting well into July. Corn development was behind normal throughout the growing season, causing the harvest to be behind schedule. Some of the crop never matured fully and was harvested with high moisture levels. The season average price received by farmers was $2.50/bu., down 63 cents from a year earlier; the farm value of production for corn, at $900 million, was down 35 percent. Preble, Fulton and Wood Counties ranked first, second and third, respectively, in corn for grain production.

The State average soybean yield was 28.5 bushels per acre, a decrease of 7.5 bushels per acre from 1980. Total production was 99.8 million bushels, down 36 million bushels or 26 percent from a year earlier. A wet spring forced plantings to continue into mid-July. October frost stopped growth and killed weeds, thus hastening harvest. The season average price was $6.20/bu. , with a value of production of $618 million. This is a drop from the 1980 record price of $7.66/bu., and value of production of $1 billion. Leading counties in soybean production were Darke, Union and Seneca.

Ohio winter wheat production was a record 72.6 million bushels, 8 percent above the 67.1 million bushels harvested in 1980. Yield dropped below the 1980 record yield, falling to 44 bushels per acre. Seeding of the crop was behind schedule due to the late harvest of spring planted crops. Snow cover melted in February, exposing wheat to widely fluctuating temperatures. Excess spring moisture caused an outbreak of diseases which further reduced yields. Harvest conditions were ideal and combining advanced well ahead of normal. The season average price for wheat in Ohio was $3.55/bu.; value of production was $258 million. Wood, Hancock and Paulding Counties were Ohio leaders in wheat production in 1981.

All hay production was 3.5 million tons, down slightly from 1980. Alfalfa production accounted for 1.4 million tons of the total. First cuttings were delayed by the wet spring and the late planting of corn and soybeans. Once cut, the quality of the crop was poor, due to adverse curing weather. Successive cuttings were harvested under better conditions. The season average price received by farmers for all hay was $85.50/ton, $27 per ton more than the 1980 price. Value of production reached $297 million, a 41 percent increase from 1980. Wayne, Columbiana and Holmes ranked first, second, and third in hay production.

Oat production fell to 17 million bushels, the lowest ever in Ohio. Oat yield was 63 bushels per acre, down by 4 bushels per acre from 1980. This was the seventh consecutive year of declining oat production. Crop development was ahead of normal throughout the season. The average price was $2.10/bu., up 25 cents from the 1980 price. Value of production was unchanged at $36 million.

Ohio sugar beet production totaled 274,000 tons, harvested from 14,400 acres. In 1980, 339,000 tons were harvested from 17,800 acres. Sucrose content was 14.75 percent, down from 15.07 percent in 1980. Popcorn production was 44.1 million pounds from 15,300 acres harvested. In 1980, 53.6 million pounds was produced on 16,500 acres. Popcorn planting was delayed due to excessive rain, but the remainder of the season provided better growing conditions. Production of all types of tobacco totaled 22.8 million pounds, up 14 percent from 1980's 200 million pounds. Wet soils held back transplanting and much of the crop was topped late and cut before maturity because of the threat of frost.

Vegetable crops: Production of Ohio commercial vegetables including strawberries during 1981 totaled 9,453,400 cwt., up 1 percent from the 1980 output of 9,322,400 cwt. This production came from 45,270 acres, which is 7 percent less than the 48,510 acres harvested in 1980. Farm value was $70.3 million, advancing 10 percent from the 1980 value of $63.6 million. The fresh market segment totaled 2.0 million cwt., which was 3 percent smaller than 1980. Harvested acreage dropped 350 acres from 1980 to 21,370 acres, with modest acreage reductions occurring in cabbage, sweet corn, escarole/endive, and lettuce. Partially offsetting were increased celery and tomato acreage. Harvested acreage of processing vegetables totaled 22,000 acres in 1981, down 12 percent or 2,890 acres from the 1980 total. Harvested acreage has dropped uninterruptedly from the 1974 total of 35,860 acres. Total tonnage produced in 1981 gained 3 percent to total 367,470 tons. Tonnage increases were recorded for cabbage for kraut, up 14 percent; tomatoes up less than 1 percent; and cucumbers for pickles up 2 percent. Farm value of the 1981 processing crops totaled $35.9 million, for an increase of 19 percent.

Strawberry production in 1981 totaled 80,000 cwt., which dropped 40 percent from the 133,000 cwt. harvested a year earlier. Farm value of the 1981 crop totaled $4.2 million, down 37 percent from 1980. Lower production resulted from some spring frost damage. However, most production losses and smaller yields reflected above normal rainfall in late May and early June during harvest.

* * *

Ohio's potato crop totaled 2,073,000 cwt. in 1981, this was 10 percent smaller than 1980 and 23 percent less than 1979. Both acreage and yield were down from these prior years. Acreage harvested totaled 10,200, down 700 acres from 1980 and 1,200 less than 1979. The yield averaged 203 cwt. per acre, down 8 and 33 cwt. per acre from 1980 and 1979, respectively. The Ohio fall crop was adversely affected by extremely wet soil conditions early in the growing season. This was followed generally by weather and soil conditions that were drier than usual.

* * *

Production of fruit in Ohio in 1981 dropped sharply from a year earlier. Apple Production was down 41 percent; peach output dropped 83 percent and the grape crop declined 14 percent from 1981. Apple production totaled 100.0 million pounds (2.381 million 42 lb. equivalents) in 1981 and compares with 170.0 million in 1980 and 105.0 million in 1979. Farm value of the 1981 crop totaled $20.1 million, down 20 percent from 1980, but 22 percent more than 1979. The slim peach crop of 2.0 million pounds in 1982 was a 10.0 million drop from the 1981 crop and 2.0 million below the 1979 output. Grape production in 1981 totaled 10,300 tons, which is down 14 percent from the 12,000 tons produced in both 1981 and 1979. Fruit production in 1981 was cut short by a drop in temperatures during late February, affecting peaches initially. Later, spring frost killed remaining hope for peach output and affected apples. Poorer fruit bud development following the large 1980 crop was also responsible for the smaller crop of apples.

CROP REPORTING DISTRICTS

Annual summary: Crop production and value, Ohio, 1979-81 1/

Crop	Ohio Planted 1981	Ohio Acres harvested 1979	Ohio Acres harvested 1980	Ohio Acres harvested 1981	U.S. Acres harvested 1981	Ohio Yield per acre 1979	Ohio Yield per acre 1980	Ohio Yield per acre 1981	U.S. Yield per acre 1981	Unit
	Thou. acres	Thousands								
All corn	4,100									
Corn for grain	-	3,630	3,900	3,750	74,624	115.0	113.0	96.0	109.9	Bu.
Corn for silage	-	192	215	285	8,211	15.0	14.5	14.0	14.1	Ton
Winter wheat	1,690	1,320	1,370	1,650	58,589	48.0	49.0	44.0	35.8	Bu.
All wheat	1,690	1,320	1,370	1,650	80,948	48.0	49.0	44.0	34.5	Bu.
Soybeans for beans	3,550	4,080	3,760	3,500	66,688	35.5	36.0	28.5	30.4	Bu.
Oats	300	290	290	270	9,411	70.0	67.0	63.0	54.0	Bu.
Barley	3/	9	8	3/	9,151	52.0	52.0	3/	52.3	Bu.
Rye	85	5	7	5	697	31.0	33.0	30.0	26.7	Bu.
Popcorn 4/	15.6	18.9	16.5	15.3	247.2	3,200	3,250	2,880	3,142	Lbs.
Potatoes - summer	1.3	1.4	1.4	1.2	95.0	210	220	190	211	Cwt.
- fall	9.8	10.0	9.5	9.0	1,047.0	240	210	205	278	Cwt.
- Total	11.1	11.4	10.9	10.2	1,231.6	236	211	203	271	Cwt.
Sugar beets	15.5	13.7	17.8	14.4	1,229.8	19.4	19.1	19.0	22.2	Ton
Tobacco - Burley (31)	-	8.5	9.8	11.4	331.2	1,425	1,800	1,790	2,203	Lbs.
- Other (42-44)	-	1.3	1.4	1.7	1.7	1,500	1,700	1,440	1,440	Lbs.
- Total	-	9.8	11.2	13.1	973.7	1,435	1,788	1,745	2,116	Lbs.
All hay	-	1,440	1,430	1,380	60,212	2.51	2.51	2.52	2.38	Ton
Alfalfa	-	580	540	460	26,394	3.05	3.10	3.15	3.17	Ton
All other hay	-	860	890	920	33,818	2.15	2.15	2.20	1.76	Ton
Red clover seed 6/	-	15	17	10	132.3	65	75	70	130	Lbs.
Timothy seed 6/	-	8.5	9.0	6.0	62.5	150	175	160	276	Lbs.
Strawberries	1.9	1.9	1.9	1.9	36.6	55	70	42	202	Cwt.
Apples, commercial 7/	-	-	-	-	-	-	-	-	-	Lbs.
Peaches 7/	-	-	-	-	-	-	-	-	-	Lbs.
Grapes 7/	-	-	-	-	-	-	-	-	-	Ton
Maple sirup	-	-	-	-	-	-	-	-	-	Gal.
		Acres								
Snap beans	900	900	800	800	88,580	35	30	35	33	Cwt.
Cabbage	2,300	1,900	1,950	1,900	82,470	207	174	174	240	Cwt.
Sweet corn	16,500	15,000	15,500	15,000	176,800	75	70	65	78	Cwt.
Celery	470	320	390	440	36,520	490	440	360	497	Cwt.
Lettuce	700	800	600	550	229,720	110	135	110	273	Cwt.
Escarole	700	600	590	550	7,800	143	131	91	128	Cwt.
Onions - storage type 8/	560	590	540	530	111,630	375	305	340	316	Cwt.
Green peppers	800	800	700	700	56,200	85	70	75	105	Cwt.
Tomatoes, (fresh)	1,000	700	650	900	128,580	160	140	210	199	Cwt.
All fresh market	23,930	21,610	21,720	21,370	1,532,000	-	-	-	-	Cwt.
Cabbage for kraut	1,500	1,200	1,100	1,400	10,160	28.67	24.46	21.86	24.22	Ton
Tomatoes	15,100	18,700	16,800	14,100	253,710	18.68	15.00	17.95	22.51	Ton
Cucumbers for pickles	5,300	6,400	6,100	5,200	97,530	12.53	10.25	12.24	5.90	Ton
Others 9/	-	870	890	1,300	1,066,600	-	-	-	-	Ton
All processing	-	27,170	24,890	22,000	1,428,000	-	-	-	-	Ton

1/Data for the United States, where applicable, include all seasonal groups and are rounded to conserve space.
2/Price per unit for Ohio grain and hay crops obtained from Agricultural Prices, April 1982. Farm value calculated using revised prices. U.S. prices and value obtained from Crop Values, January 1982. Revisions available January 1983.
3/Estimate discontinued.
4/Shelled corn basis; price per unit is dollars per hundredweight. Revised data available June 30, 1981.
5/Not available at time of publication.
6/Prices per cwt., clean seed. Revised data for U.S. not available at time of publication.
7/Production utilized.
8/When computing crop values, 16,000 cwt., 14,000 cwt., and 15,000 cwt. were shrinkages in 1979, 1980 and 1981.
9/Includes snap beans, red beets and carrots.

Annual summary: Crop production and value, Ohio, 1979-81 1/ (continued)

Crop	Ohio Production			U.S.	Ohio Price per unit		U.S.	Ohio Farm value		U.S.
	1979	1980	1981	1981	1980	1981	1981	1980	1981 2/	1981
	Thousands				Dollars			Thousand dollars		
All corn										
Corn for grain	417,450	440,700	360,000	8,200,951	3.13	2.50	2.45	1,379,391	900,000	20,000,805
Corn for silage	2,880	3,118	3,990	116,183	-	-	-	-	-	-
Winter wheat	63,360	67,130	72,600	2,098,719	4.06	3.55	3.67	272,548	257,730	7,692,431
All wheat	63,360	67,130	72,600	2,793,436	4.06	3.55	3.66	272,548	257,730	10,225,881
Soybeans for beans	144,840	135,360	99,750	2,030,452	7.66	6.20	6.37	1,036,858	618,450	12,943,174
Oats	20,300	19,430	17,010	508,083	1.85	2.10	1.86	35,946	35,721	932,661
Barley	468	416	3/	478,301	2.10	3/	2.45	874	3/	1,168,659
Rye	155	231	150	18,621	2.25	3.70	2.90	520	555	54,617
Popcorn 4/	44,480	53,625	44,060	776,620	9.80	12.60	13.30	5,225	5,552	103,024
Potatoes - summer	294	308	228	20,035	-	-	-	-	-	-
- fall	2,400	1,995	1,845	290,684	-	-	-	-	-	-
- total	2,694	2,303	2,073	333,682	7.65	6.90	5.40	17,655	14,347	1,786,281
Sugar beets	266	339	274	27,271	46.20	5/	5/	15,662	5/	5/
Tobacco - Burley (31)	12,113	17,640	20,406	729,707	1.660	1.792	1.807	29,282	36,568	1,318,297
- Other (42-44)	1,950	2,380	2,448	2,448	1.070	1.050	1.050	2,547	2,570	2,570
- Total	14,063	20,020	22,854	2,060,236	1.590	1.713	1.706	31,829	39,138	3,514,259
All hay	3,618	3,588	3,473	143,105	58.50	85.50	66.90	209,898	296,942	9,211,532
Alfalfa	1,769	1,674	1,449	83,696	-	-	-	-	-	-
All other hay	1,849	1,914	2,024	59,409	-	-	-	-	-	-
Red clover seed 6/	975	1,275	700	17,147	49.00	55.00	72.40	625	385	12,123
Timothy seed 6/	1,275	1,575	960	17,240	45.00	23.00	20.60	709	221	3,564
Strawberries	105	133	80	7,397	49.60	52.00	41.90	6,597	4,160	310,267
Apples, commercial 7/	105,000	170,000	100,000	7,612,600	.147	.201	.108	24,990	20,100	822,332
Peaches 7/	4,000	12,000	2,000	2,657,800	.249	.310	.133	2,988	620	353,757
Grapes 7/	12.0	12.0	10.3	4,428.0	173.00	188.00	279.00	2,076	1,936	1,233,742
Maple sirup	90	88	100	1,410	16.60	18.20	18.10	1,461	1,820	25,496
Snap beans	32	24	28	2,926	30.90	31.60	29.70	742	885	86,962
Cabbage	393	340	330	19,807	9.55	6.96	7.16	3,247	2,297	140,504
Sweet corn	1,125	1,085	975	13,805	9.88	12.30	11.50	10,720	11,993	159,302
Celery	157	172	158	18,156	8.40	12.50	11.10	1,445	1,975	201,424
Lettuce	88	81	61	62,722	34.60	42.90	9.91	2,803	2,617	621,658
Escarole	86	77	50	998	30.48	37.50	17.20	2,347	1,875	17,199
Onions - storage 8/	221	165	180	35,242	11.90	11.50	14.90	1,797	1,898	472,106
Green peppers	68	49	53	5,875	22.40	24.10	23.80	1,098	1,277	139,600
Tomatoes (fresh)	112	91	189	25,531	29.60	28.70	22.10	2,694	5,424	563,327
All fresh market	2,282	2,084	2,024	253,886	-	-	-	26,893	30,241	3,427,248
		Tons								
Cabbage for kraut	34,400	26,910	30,600	246,090	35.90	37.90	36.80	966	1,160	9,045
Tomatoes	349,320	252,000	253,100	5,712,230	71.10	85.40	65.00	17,917	21,615	371,567
Cucumbers	80,200	62,530	63,650	575,380	168.00	189.00	175.00	10,505	12,030	100,629
Other 9/	17,950	13,830	20,120	3,883,500	-	-	-	736	1,068	593,971
Total processing	481,870	355,270	367,470	10,417,300	-	-	-	30,124	35,873	1,075,212

Production, farm use and value, Ohio, 1980-81 1/

Crops	1980 Produc-tion	Used on farms where produced	Sold	Season average price per bu.	Value of Production	Value of Sales	1981 Produc-tion	Used on farms where produced	Sold	Season average price 2/ per bu.	Value of Produc-tion	Value of Sales
	Thousands				Thousand dollars		Thousands				Thousand dollars	
Corn	440,700	149,838	290,862	3.13	1,379,391	910,398	360,000	133,200	226,800	2.50	900,000	567,000
Soybeans	135,360	1,624	133,736	7.66	1,036,858	1,024,418	99,750	1,197	98,553	6.20	618,450	611,029
Wheat	67,130	3,425	63,705	4.06	272,548	258,642	72,600	3,465	69,135	3.55	257,730	245,429
Oats	19,430	11,269	8,161	1.85	35,946	15,098	17,010	9,866	7,144	2.10	35,721	15,002
Hay 3/	3,588	2,748	840	58.50	209,898	49,140	3,473	2,813	660	85.50	296,942	56,430

1/Data shown for Used on farms, Sold and Value of sales are unofficial estimates based on historic averages. The USDA report, Field Crops; Production, Disposition and Value was discontinued following the 1980 crop. 2/Source: Agricultural Prices, April 30, 1982. 3/Price per ton, baled.

Number of farms, land in farms, average size farm, Ohio, 1980-81

County & District	Number of farms		Average size of farm		Land in farms	
	1980	1981	1980	1981	1980	1981
			Acres		Thousand acres	
Allen	1,300	1,280	152	155	198	198
Defiance	1,180	1,150	190	193	224	222
Fulton	1,400	1,380	171	173	239	239
Hancock	1,440	1,420	203	205	293	291
Henry	1,400	1,370	180	183	252	250
Lucas	640	630	144	144	92	91
Paulding	860	850	279	285	240	242
Putnam	1,730	1,680	169	173	293	290
Van Wert	1,100	1,060	228	237	251	251
Williams	1,200	1,160	190	194	228	225
Wood	1,650	1,620	212	217	350	351
Dist. 1	13,900	13,600	191	195	2,660	2,650
Ashland	1,280	1,250	167	172	214	215
Crawford	1,100	1,060	206	210	227	223
Erie	580	570	174	181	101	103
Huron	1,170	1,140	219	222	256	253
Lorain	1,140	1,130	132	132	151	149
Ottawa	720	690	172	181	124	125
Richland	1,250	1,240	154	155	192	192
Sandusky	1,130	1,120	201	205	227	230
Seneca	1,620	1,610	194	194	314	312
Wyandot	910	890	268	279	244	248
Dist. 2	10,900	10,700	188	192	2,050	2,050
Ashtabula	1,380	1,400	136	132	187	185
Columbiana	1,230	1,240	135	137	166	170
Cuyahoga	230	220	30	32	7	7
Geauga	650	660	111	109	72	72
Lake	320	310	66	65	21	20
Mahoning	810	810	116	116	94	94
Medina	1,240	1,260	110	110	136	138
Portage	990	1,000	118	119	117	119
Stark	1,450	1,470	116	116	168	170
Summit	330	330	79	76	26	25
Trumbull	1,100	1,110	116	117	128	130
Wayne	2,070	2,090	139	139	288	290
Dist. 3	11,800	11,900	119	119	1,410	1,420
Auglaize	1,350	1,330	176	179	237	238
Champaign	1,180	1,170	210	213	248	249
Clark	980	970	212	211	208	205
Darke	2,480	2,450	144	144	356	353
Hardin	1,330	1,310	211	212	280	277
Logan	1,190	1,170	210	215	250	251
Mercer	1,710	1,690	160	162	274	273
Miami	1,350	1,310	159	163	215	214
Shelby	1,330	1,300	174	177	232	230
Dist. 4	12,900	12,700	178	180	2,300	2,290
Delaware	1,080	1,070	196	199	212	213
Fairfield	1,320	1,290	179	185	236	238
Fayette	760	750	329	337	250	253
Franklin	800	790	183	184	146	145
Knox	1,440	1,430	169	173	244	248
Licking	1,630	1,610	175	176	285	283
Madison	840	830	324	324	272	269
Marion	920	900	241	242	222	218
Morrow	1,080	1,060	172	173	186	183
Pickaway	940	910	315	329	296	299
Ross	990	970	269	371	266	263
Union	1,200	1,190	213	217	255	258
Dist. 5	13,000	12,800	221	224	2,870	2,870

Number of farms, land in farms, average size farm, Ohio, 1980-81

County & District	Number of farms		Average size of farm		Land in farms	
	1980	1981	1980	1981	1980	1981
			Acres		Thousand acres	
Belmont	840	850	169	169	142	144
Carroll	850	860	152	151	129	130
Coshocton	1,050	1,040	194	195	204	203
Harrison	560	580	209	203	117	118
Holmes	1,660	1,690	127	126	210	213
Jefferson	530	550	155	155	82	85
Tuscarawas	1,210	1,230	145	144	176	177
Dist. 6	6,700	6,800	158	157	1,060	1,070
Butler	1,210	1,190	142	143	172	170
Clermont	1,220	1,180	105	109	128	128
Clinton	1,100	1,070	223	229	245	245
Greene	1,100	1,090	190	195	209	212
Hamilton	390	360	92	83	32	30
Montgomery	1,200	1,160	110	112	132	130
Preble	1,460	1,440	160	164	234	236
Warren	1,120	1,110	150	152	168	169
Dist. 7	8,800	8,600	150	154	1,320	1,320
Adams	1,660	1,640	133	130	220	213
Brown	1,970	1,950	121	123	239	240
Gallia	910	890	135	137	123	122
Highland	1,660	1,640	162	162	269	265
Jackson	540	530	170	170	92	90
Lawrence	580	570	129	130	75	74
Pike	620	630	187	187	116	118
Scioto	760	750	153	157	116	118
Dist. 8	8,700	8,600	144	144	1,250	1,240
Athens	630	640	173	173	109	111
Guernsey	970	970	157	159	152	154
Hocking	480	490	142	137	68	67
Meigs	620	610	177	182	110	111
Monroe	850	840	162	167	138	140
Morgan	720	720	185	188	133	135
Muskingum	1,250	1,260	178	178	222	224
Noble	690	700	197	197	136	138
Perry	770	760	139	140	107	106
Vinton	250	250	200	200	50	50
Washington	1,070	1,060	145	145	155	154
Dist. 9	8,300	8,300	166	168	1,380	1,390
STATE	95,000	94,000	172	173	16,300	16,300

Number of farms, land in farms, and average size farm, Ohio and United States, 1976-82

Year	Number of farms		Land in farms		Average size farm	
	Ohio	U.S.	Ohio	U.S.	Ohio	U.S.
			Thousand acres		Acres	
1976	99,000	2,497,270	16,500	1,054,075	167	422
1977	97,000	2,455,830	16,400	1,047,785	169	427
1978	96,000	2,436,250	16,300	1,044,790	170	429
1979	96,000	2,429,960	16,300	1,043,195	170	429
1980	95,000	2,427,830	16,300	1,042,245	172	429
1981	94,000	2,435,810	16,300	1,044,700	173	429
1982 1/	93,000	2,437,030	16,200	1,045,805	174	429

1/Preliminary. Note: A farm is defined as a place with annual sales of agricultural commodities of $1,000 or more.

Corn for grain: Acreage, yield and production, Ohio, 1980-81

County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Bu. per acre		Bushels	
Allen	50,200	55,600	123.5	100.9	6,199,000	5,612,000
Defiance	40,000	38,100	116.5	95.3	4,660,000	3,631,000
Fulton	93,500	93,100	126.8	111.4	11,858,000	10,371,000
Hancock	78,500	72,400	124.6	98.7	9,780,000	7,144,000
Henry	75,000	71,600	123.9	108.8	9,291,000	7,789,000
Lucas	27,800	25,600	128.2	111.1	3,565,000	2,845,000
Paulding	49,000	47,100	116.4	99.0	5,703,000	4,663,000
Putnam	67,000	58,400	119.1	96.1	7,981,000	5,614,000
Van Wert	78,000	74,400	125.6	106.4	9,797,000	7,919,000
Williams	55,000	59,200	111.4	97.8	6,128,000	5,788,000
Wood	112,000	104,100	127.4	94.8	14,272,000	9,867,000
District 1	726,000	699,600	122.9	101.8	89,234,000	71,243,000
Ashland	55,000	48,100	98.1	91.3	5,396,000	4,390,000
Crawford	61,800	61,200	120.1	108.6	7,422,000	6,648,000
Erie	30,300	33,600	121.5	110.9	3,682,000	3,726,000
Huron	63,300	62,200	123.3	110.8	7,802,000	6,892,000
Lorain	30,100	28,000	110.5	92.2	3,327,000	2,582,000
Ottawa	17,900	19,400	119.7	107.2	2,142,000	2,080,000
Richland	43,700	43,600	104.1	95.4	4,550,000	4,158,000
Sandusky	59,800	56,200	127.8	105.0	7,644,000	5,901,000
Seneca	82,600	78,800	125.6	104.6	10,376,000	8,246,000
Wyandot	65,500	54,900	118.7	97.5	7,773,000	5,355,000
District 2	510,000	486,000	117.9	102.8	60,114,000	49,978,000
Ashtabula	19,800	19,400	112.9	99.6	2,235,000	1,933,000
Columbiana	29,400	29,100	106.0	101.9	3,116,000	2,965,000
Cuyahoga	*	*	*	*	*	*
Geauga	7,300	6,700	99.2	93.4	724,000	626,000
Lake	1,700	1,400	80.0	86.4	136,000	121,000
Mahoning	21,700	20,000	100.0	92.9	2,171,000	1,857,000
Medina	27,600	28,200	102.9	97.9	2,840,000	2,762,000
Portage	23,500	23,700	92.4	95.9	2,171,000	2,274,000
Stark	43,100	35,600	104.2	97.4	4,489,000	3,469,000
Summit	4,200	3,500	99.8	95.1	419,000	333,000
Trumbull	22,800	21,200	107.2	99.0	2,444,000	2,099,000
Wayne	81,700	96,900	103.9	95.9	8,485,000	9,289,000
District 3	283,000	286,000	103.3	97.0	29,248,000	27,753,000
Auglaize	62,500	55,300	108.1	94.4	6,756,000	5,220,000
Champaign	98,600	88,800	110.3	107.0	10,876,000	9,506,000
Clark	72,000	65,300	118.1	100.5	8,501,000	6,560,000
Darke	105,000	96,300	114.7	97.8	12,047,000	9,421,000
Hardin	74,800	75,300	118.3	94.3	8,846,000	7,100,000
Logan	74,600	69,600	96.8	89.0	7,222,000	6,196,000
Mercer	85,000	62,700	109.7	94.9	9,325,000	5,950,000
Miami	68,800	70,300	113.8	105.6	7,832,000	7,426,000
Shelby	66,700	65,600	117.5	97.6	7,835,000	6,404,000
District 4	708,000	649,200	111.9	98.2	79,240,000	63,783,000
Delaware	60,300	60,300	112.7	92.0	6,798,000	5,550,000
Fairfield	76,900	74,600	112.2	81.0	8,631,000	6,043,000
Fayette	95,200	93,900	114.9	84.6	10,934,000	7,946,000
Franklin	39,900	41,300	111.5	77.2	4,450,000	3,189,000
Knox	59,100	61,700	111.0	105.9	6,560,000	6,531,000
Licking	67,800	67,500	96.3	92.6	6,531,000	6,253,000
Madison	94,500	81,000	99.1	71.4	9,368,000	5,784,000
Marion	79,500	69,900	116.6	89.3	9,273,000	6,244,000
Morrow	50,200	43,400	108.7	94.7	5,459,000	4,108,000
Pickaway	95,500	92,300	111.0	85.4	10,604,000	7,885,000
Ross	58,400	59,100	102.2	91.5	5,970,000	5,406,000
Union	78,700	66,000	107.5	85.1	8,463,000	5,618,000
District 5	856,000	811,000	108.7	87.0	93,041,000	70,557,000

Corn for grain: Acreage, yield and production, Ohio, 1980-81

County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Bu. per acre		Bushels	
Belmont	5,400	6,200	95.9	92.6	518,000	574,000
Carroll	14,000	14,300	87.1	79.0	1,220,000	1,130,000
Coshocton	45,100	44,900	112.0	106.8	5,050,000	4,796,000
Harrison	6,500	5,400	74.9	90.0	487,000	486,000
Holmes	34,000	32,500	96.0	96.3	3,266,000	3,131,000
Jefferson	5,800	6,300	72.9	86.0	423,000	542,000
Tuscarawas	26,200	28,800	97.2	91.2	2,546,000	2,627,000
District 6	137,000	138,400	98.6	96.0	13,510,000	13,286,000
Butler	48,300	46,000	111.9	99.6	5,407,000	4,583,000
Clermont	16,200	17,200	114.6	84.2	1,856,000	1,449,000
Clinton	95,300	89,200	118.2	86.2	11,264,000	7,692,000
Greene	77,100	74,300	118.1	94.3	9,105,000	7,009,000
Hamilton	6,300	6,600	111.4	98.0	702,000	647,000
Montgomery	36,400	39,800	121.9	103.1	4,438,000	4,103,000
Preble	97,600	105,600	120.4	114.7	11,753,000	12,116,000
Warren	43,800	45,400	111.6	93.2	4,886,000	4,233,000
District 7	421,000	424,100	117.4	98.6	49,411,000	41,832,000
Adams	21,600	24,200	98.9	77.6	2,137,000	1,877,000
Brown	32,000	36,500	108.9	86.4	3,485,000	3,152,000
Gallia	4,400	4,600	84.1	91.1	370,000	419,000
Highland	74,700	56,200	114.6	87.3	8,557,000	4,906,000
Jackson	7,600	7,900	94.7	90.8	720,000	717,000
Lawrence	1,700	2,200	87.1	90.0	148,000	198,000
Pike	17,200	17,900	102.0	91.3	1,754,000	1,635,000
Scioto	13,800	10,900	96.9	89.7	1,337,000	978,000
District 8	173,000	160,400	107.0	86.5	18,508,000	13,882,000
Athens	5,500	6,100	87.8	87.0	483,000	531,000
Guernsey	4,500	6,700	84.0	76.7	378,000	514,000
Hocking	6,900	7,800	97.2	85.0	671,000	663,000
Meigs	3,700	5,200	103.2	85.2	382,000	443,000
Monroe	3,100	2,200	82.6	78.6	256,000	173,000
Morgan	5,500	6,300	106.0	80.8	583,000	509,000
Muskingum	22,200	24,900	99.5	75.5	2,209,000	1,879,000
Noble	1,500	2,200	81.3	79.5	122,000	175,000
Perry	21,500	19,500	100.2	78.9	2,155,000	1,539,000
Vinton	3,000	4,700	93.0	94.0	279,000	442,000
Washington	8,600	9,700	101.9	84.3	876,000	818,000
District 9	86,000	95,300	97.6	80.7	8,394,000	7,686,000
STATE	3,900,000	3,750,000	113.0	96.0	440,700,000	360,000,000

*Counties with less than 1,000 acres not published.

Corn silage: Harvested acreage, yield and production, by districts, Ohio, 1980-81

District	Harvested acres		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Tons per acre		Thousand tons	
1	30,000	35,400	15.0	15.5	450	549
2	22,000	33,300	14.1	14.6	310	486
3	48,000	58,100	13.1	12.1	630	703
4	38,000	54,900	14.1	13.2	535	725
5	29,000	44,000	16.6	16.0	480	704
6	15,000	18,600	14.7	12.6	220	234
7	12,000	14,800	14.6	16.1	175	238
8	10,000	13,600	16.0	13.7	160	186
9	11,000	12,300	14.4	13.4	158	165
State	215,000	285,000	14.5	14.0	3,118	3,990

Soybeans: Acreage, yield and production, Ohio, 1980-81

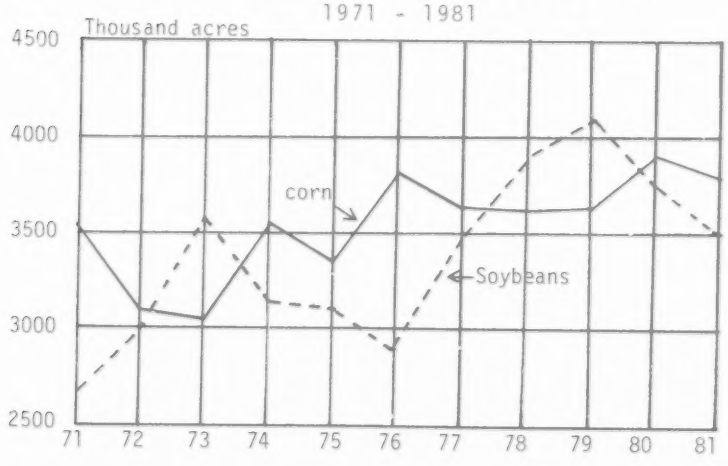
County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Bu. per acre		Bushels	
Allen	74,500	65,900	38.6	28.5	2,875,000	1,876,000
Defiance	89,500	71,400	32.2	20.0	2,881,000	1,425,000
Fulton	76,700	67,900	40.1	31.9	3,074,000	2,169,000
Hancock	103,000	100,000	42.5	25.1	4,375,000	2,509,000
Henry	90,900	89,900	40.2	26.6	3,653,000	2,393,000
Lucas	35,300	33,100	40.0	33.0	1,431,000	1,091,000
Paulding	91,300	84,900	38.2	24.1	3,486,000	2,043,000
Putnam	127,000	115,000	37.0	24.7	4,697,000	2,838,000
Van Wert	103,000	97,600	40.6	29.9	4,180,000	2,918,000
Williams	72,300	59,300	33.5	24.2	2,421,000	1,433,000
Wood	122,000	118,000	43.5	24.6	5,305,000	2,900,000
District 1	986,000	903,000	38.9	26.1	38,378,000	23,595,000
Ashland	12,400	20,400	32.7	26.6	405,000	542,000
Crawford	74,500	66,900	41.9	35.7	3,123,000	2,389,000
Erie	27,500	24,400	39.5	35.1	1,085,000	856,000
Huron	82,300	81,700	39.4	30.2	3,246,000	2,465,000
Lorain	41,200	40,700	33.2	26.1	1,367,000	1,062,000
Ottawa	54,200	44,400	39.2	27.0	2,127,000	1,199,000
Richland	26,500	27,000	32.1	28.3	851,000	765,000
Sandusky	77,100	69,400	41.1	30.0	3,171,000	2,080,000
Seneca	111,000	108,000	40.2	28.3	4,465,000	3,052,000
Wyandot	80,300	88,100	37.4	28.9	3,007,000	2,550,000
District 2	587,000	571,000	38.9	29.7	22,847,000	16,960,000
Ashtabula	8,800	7,600	34.0	24.3	299,000	185,000
Columbiana	1,800	2,000	35.8	32.8	64,500	65,600
Cuyahoga	*	*	*	*	*	*
Geauga	*	*	*	*	*	*
Lake	*	*	*	*	*	*
Mahoning	1,900	1,700	34.2	26.2	65,000	44,500
Medina	23,000	20,000	33.9	28.9	779,000	578,000
Portage	6,500	8,500	30.3	24.5	197,000	208,000
Stark	8,600	13,100	35.0	35.6	301,000	467,000
Summit	*	*	*	*	*	*
Trumbull	7,700	7,500	34.4	30.9	265,000	232,000
Wayne	18,800	15,000	35.1	30.9	660,000	463,000
District 3	80,100	78,700	33.9	29.6	2,718,000	2,330,000
Auglaize	76,000	71,200	37.1	26.4	2,821,000	1,879,000
Champaign	48,100	54,900	33.4	32.6	1,608,000	1,790,000
Clark	55,700	54,200	36.7	33.5	2,046,000	1,818,000
Darke	135,000	130,000	36.8	30.7	4,970,000	3,997,000
Hardin	112,000	90,200	37.6	28.1	4,215,000	2,531,000
Logan	66,900	64,300	35.7	29.5	2,390,000	1,897,000
Mercer	79,500	85,600	38.6	29.1	3,071,000	2,490,000
Miami	74,600	71,200	36.5	33.0	2,725,000	2,351,000
Shelby	69,200	60,400	38.0	29.5	2,630,000	1,782,000
District 4	717,000	682,000	36.9	30.1	26,476,000	20,535,000
Delaware	79,300	72,300	35.3	25.6	2,798,000	1,851,000
Fairfield	36,500	36,500	28.3	24.8	1,032,000	905,000
Fayette	85,100	80,600	35.4	27.3	3,012,000	2,203,000
Franklin	53,100	42,800	31.3	26.4	1,660,000	1,130,000
Knox	27,900	27,200	34.4	31.5	960,000	857,000
Licking	48,700	40,500	31.8	28.1	1,547,000	1,139,000
Madison	102,000	113,000	35.8	26.9	3,651,000	3,042,000
Marion	99,200	83,500	35.5	28.9	3,521,000	2,409,000
Morrow	52,600	52,400	30.5	26.3	1,603,000	1,379,000
Pickaway	83,500	79,600	30.7	22.8	2,561,000	1,812,000
Ross	51,200	46,100	32.4	26.5	1,658,000	1,222,000
Union	93,900	107,500	33.0	29.1	3,097,000	3,123,000
District 5	813,000	782,000	33.3	26.9	27,100,000	21,072,000

Soybeans: Acreage, yield and production, Ohio, 1980-81

County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Bu. per acre		Bushels	
Belmont	*	*	*	*	*	*
Carroll	*	*	*	*	*	*
Coshocton	2,300	1,200	28.3	27.7	65,200	33,200
Harrison	*	*	*	*	*	*
Holmes	*	*	*	*	*	*
Jefferson	*	*	*	*	*	*
Tuscarawas	4,300	2,600	28.4	33.1	122,000	86,100
District 6	8,200	4,700	28.7	31.1	235,000	146,000
Butler	34,200	29,000	29.1	33.1	996,000	959,000
Clermont	36,800	30,700	27.2	26.7	1,002,000	820,000
Clinton	75,600	65,900	31.0	33.3	2,345,000	2,197,000
Greene	57,400	52,800	34.6	34.6	1,985,000	1,826,000
Hamilton	4,400	3,900	26.8	26.9	118,000	105,000
Montgomery	52,500	42,400	32.8	35.6	1,721,000	1,510,000
Preble	60,100	50,300	34.4	37.5	2,066,000	1,888,000
Warren	54,000	43,000	30.2	32.7	1,631,000	1,407,000
District 7	375,000	318,000	31.6	33.7	11,864,000	10,712,000
Adams	20,100	11,000	26.0	26.1	522,000	287,000
Brown	70,200	54,500	27.4	26.6	1,926,000	1,448,000
Gallia	*	*	*	*	*	*
Highland	68,500	61,900	33.2	28.0	2,273,000	1,736,000
Jackson	1,800	1,300	26.7	27.3	48,000	35,500
Lawrence	*	*	*	*	*	*
Pike	11,400	9,600	29.6	22.4	337,000	215,000
Scioto	10,100	14,900	30.7	32.4	310,000	483,000
District 8	183,000	154,000	29.7	27.5	5,442,000	4,229,000
Athens	*	*	*	*	*	*
Guernsey	*	*	*	*	*	*
Hocking	1,200	*	26.0	*	31,200	*
Meigs	*	*	*	*	*	*
Monroe	*	*	*	*	*	*
Morgan	*	*	*	*	*	*
Muskingum	1,600	*	30.0	*	48,000	*
Noble	*	*	*	*	*	*
Perry	4,500	2,900	28.9	22.4	130,000	65,000
Vinton	*	*	*	*	*	*
Washington	1,300	*	26.9	*	35,000	*
District 9	10,700	6,600	28.0	*	300,000	171,000
STATE	3,760,000	3,500,000	36.0	28.5	135,360,000	99,750,000

*Counties with less than 1,000 acres not published.

CORN AND SOYBEAN HARVESTED ACRES, OHIO
1971 - 1981



All wheat: Acreage, yield and production, Ohio, 1980-81

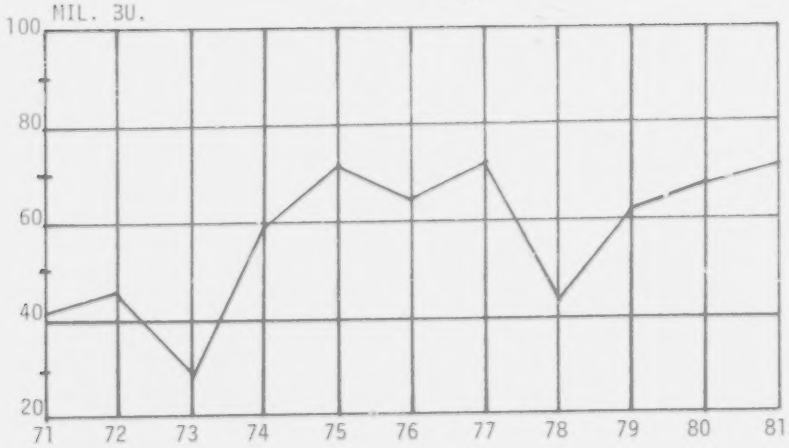
County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Bu. per acre		Bushels	
Allen	38,400	41,000	53.3	44.4	2,047,000	1,820,000
Defiance	31,500	45,000	45.9	44.4	1,446,000	1,998,000
Fulton	25,000	26,000	50.5	53.8	1,263,000	1,400,000
Hancock	68,100	70,000	54.3	45.2	3,699,000	3,165,000
Henry	50,800	52,000	54.5	48.6	2,770,000	2,528,000
Lucas	9,100	11,000	47.0	52.3	428,000	575,000
Paulding	46,900	56,000	52.7	46.3	2,470,000	2,590,000
Putnam	45,100	54,000	52.3	46.1	2,360,000	2,492,000
Van Wert	44,500	50,000	60.0	47.3	2,670,000	2,365,000
Williams	40,000	48,000	46.0	47.7	1,840,000	2,289,000
Wood	65,600	67,000	56.6	50.1	3,716,000	3,358,000
District 1	465,000	520,000	53.1	47.3	24,709,000	24,580,000
Ashland	13,000	14,000	39.0	39.9	507,000	559,000
Crawford	33,600	35,000	45.6	43.3	1,531,000	1,517,000
Erie	11,600	12,000	52.4	51.4	608,000	617,000
Huron	28,400	30,000	52.0	47.3	1,477,000	1,419,000
Lorain	10,300	11,000	37.1	42.4	382,000	466,000
Ottawa	17,900	27,000	53.6	48.5	960,000	1,310,000
Richland	14,500	16,000	43.0	37.2	623,000	595,000
Sandusky	23,400	31,000	56.2	50.8	1,314,000	1,576,000
Seneca	44,700	45,000	50.1	47.4	2,240,000	2,133,000
Wyandot	42,600	44,000	48.3	42.8	2,059,000	1,885,000
District 2	240,000	265,000	48.8	45.6	11,701,000	12,077,000
Ashtabula	5,800	8,500	40.7	39.5	236,000	336,000
Columbiana	8,700	10,700	39.8	45.6	346,000	488,000
Cuyahoga	*	*	*	*	*	*
Geauga	*	*	*	*	*	*
Lake	*	*	*	*	*	*
Mahoning	5,200	8,400	38.7	42.4	201,000	356,000
Medina	7,000	10,600	39.0	38.4	273,000	407,000
Portage	5,700	6,300	38.2	41.4	218,000	261,000
Stark	12,000	14,300	40.9	40.5	491,000	579,000
Summit	1,300	1,800	36.0	36.6	46,800	65,900
Trumbull	3,600	5,000	42.5	36.6	153,000	183,000
Wayne	18,500	20,600	39.4	39.5	728,000	813,000
District 3	69,000	88,000	39.7	40.5	2,740,000	3,562,000
Auglaize	28,700	36,000	52.2	41.9	1,498,000	1,507,000
Champaign	17,100	18,000	45.0	46.3	770,000	834,000
Clark	11,500	16,000	51.6	45.8	593,000	732,000
Darke	36,100	41,000	53.1	44.5	1,918,000	1,826,000
Hardin	40,000	49,000	51.5	42.2	2,059,000	2,069,000
Logan	22,700	24,000	48.5	41.7	1,101,000	1,000,000
Mercer	31,400	46,000	56.7	43.7	1,781,000	2,008,000
Miami	21,200	22,000	51.0	44.6	1,081,000	982,000
Shelby	26,300	33,000	51.3	45.1	1,350,000	1,489,000
District 4	235,000	285,000	51.7	43.7	12,151,000	12,447,000
Delaware	11,000	18,000	43.7	41.6	481,000	748,000
Fairfield	16,700	17,500	41.9	36.5	700,000	638,000
Fayette	19,000	25,000	48.7	43.2	925,000	1,079,000
Franklin	9,200	11,000	41.6	43.4	383,000	477,000
Knox	12,000	14,000	39.3	35.6	472,000	498,000
Licking	17,000	19,000	38.8	38.2	659,000	725,000
Madison	26,000	27,000	50.6	41.9	1,315,000	1,130,000
Marion	21,700	37,000	48.3	43.6	1,049,000	1,612,000
Morrow	9,500	16,500	42.2	42.5	401,000	702,000
Pickaway	31,500	41,000	46.7	40.3	1,472,000	1,651,000
Ross	24,000	30,000	41.7	45.9	1,001,000	1,376,000
Union	17,400	24,000	46.3	41.9	805,000	1,005,000
District 5	215,000	280,000	44.9	41.6	9,663,000	11,641,000

All wheat: Acreage, yield and production, Ohio, 1980-81

County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Bu. per acre		Bushels	
Belmont	*	*	*	*	*	*
Carroll	3,100	3,300	37.1	38.2	115,000	126,000
Coshocton	4,000	5,000	34.3	34.6	137,000	173,000
Harrison	*	*	*	*	*	*
Holmes	8,400	9,400	31.4	34.6	264,000	325,000
Jefferson	*	*	*	*	*	*
Tuscarawas	4,700	6,200	32.6	34.2	153,000	212,000
District 6	22,000	26,000	33.4	35.6	735,000	925,000
Butler	11,800	15,500	43.6	42.5	514,000	659,000
Clermont	2,900	3,600	37.9	38.9	110,000	140,000
Clinton	14,400	25,000	49.4	40.8	711,000	1,019,000
Greene	15,400	23,000	47.4	43.5	730,000	1,001,000
Hamilton	1,300	1,600	40.8	51.3	53,000	82,000
Montgomery	8,700	12,000	51.0	45.7	444,000	548,000
Preble	18,600	21,000	46.9	47.6	872,000	999,000
Warren	4,900	10,300	44.9	36.5	220,000	376,000
District 7	78,000	112,000	46.8	43.1	3,654,000	4,824,000
Adams	5,200	8,000	32.7	33.5	170,000	268,000
Brown	5,000	12,200	37.6	33.9	188,000	414,000
Gallia	*	*	*	*	*	*
Highland	15,500	26,000	44.5	38.2	689,000	993,000
Jackson	*	*	*	*	*	*
Lawrence	*	*	*	*	*	*
Pike	3,000	4,000	34.0	27.0	102,000	108,000
Scioto	1,500	2,000	36.2	26.4	54,300	52,700
District 8	32,000	54,000	39.4	35.2	1,262,000	1,900,000
Athens	*	*	*	*	*	*
Guernsey	*	*	*	*	*	*
Hocking	1,400	2,600	38.1	24.0	53,300	62,300
Meigs	*	*	*	*	*	*
Monroe	*	*	*	*	*	*
Morgan	*	*	*	*	*	*
Muskingum	2,800	3,800	38.9	32.9	109,000	125,000
Noble	*	*	*	*	*	*
Perry	4,400	5,400	38.0	30.2	167,000	163,000
Vinton	*	*	*	*	*	*
Washington	2,500	3,300	33.0	34.5	82,500	114,000
District 9	14,000	20,000	36.8	32.2	515,000	644,000
STATE	1,370,000	1,650,000	49.0	44.0	67,130,000	72,600,000

*Counties with less than 1,000 acres not published.

WHEAT PRODUCTION, OHIO
1971 - 1981



Oats for grain: Acreage, yield and production, Ohio, 1980-81

County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Bu. per acre		Bushels	
Allen	3,500	2,100	72.9	66.2	255,000	139,000
Defiance	6,600	6,100	76.2	72.0	503,000	439,000
Fulton	1,300	2,200	83.8	81.8	109,000	180,000
Hancock	1,300	2,500	70.0	81.2	91,000	203,000
Henry	1,400	1,900	83.6	83.2	117,000	158,000
Lucas	1,500	1,100	84.7	76.4	127,000	84,000
Paulding	6,400	3,800	83.0	83.2	531,000	316,000
Putnam	4,800	3,100	73.5	73.2	353,000	227,000
Van Wert	3,900	3,200	84.9	75.0	331,000	240,000
Williams	4,900	5,300	74.9	71.9	367,000	381,000
Wood	2,400	3,700	85.8	81.9	206,000	303,000
District 1	38,000	35,000	78.7	76.3	2,990,000	2,670,000
Ashland	10,500	9,000	65.9	51.8	692,000	466,000
Crawford	3,600	4,700	76.7	58.3	276,000	274,000
Erie	2,400	3,000	87.9	79.0	211,000	237,000
Huron	8,400	6,000	81.7	72.0	686,000	432,000
Lorain	5,200	4,400	65.8	66.4	342,000	292,000
Ottawa	2,400	2,000	88.3	72.5	212,000	145,000
Richland	8,500	7,800	58.2	51.2	495,000	399,000
Sandusky	2,100	3,500	85.7	84.9	180,000	297,000
Seneca	6,500	9,000	87.8	73.8	571,000	664,000
Wyandot	4,400	3,600	78.2	75.3	344,000	271,000
District 2	54,000	53,000	74.2	65.6	4,009,000	3,477,000
Ashtabula	7,700	8,200	73.9	53.9	569,000	442,000
Columbiana	9,700	9,300	60.0	58.5	582,000	544,000
Cuyahoga	*	*	*	*	*	*
Geauga	4,100	2,900	66.3	57.2	272,000	166,000
Lake	*	*	*	*	*	*
Mahoning	,5,100	5,000	51.4	45.6	262,000	228,000
Medina	5,400	6,100	63.1	53.6	341,000	327,000
Portage	5,900	4,100	57.8	56.1	341,000	230,000
Stark	10,500	9,900	65.2	57.5	685,000	569,000
Summit	1,400	1,500	60.5	46.8	84,700	70,200
Trumbull	5,400	5,000	67.8	52.0	366,000	260,000
Wayne	15,000	10,200	58.6	59.9	879,000	611,000
District 3	71,000	63,000	62.3	55.3	4,423,000	3,484,000
Auglaize	11,200	11,200	77.7	65.5	870,000	734,000
Champaign	2,700	2,500	75.2	75.2	203,000	188,000
Clark	1,200	*	71.7	*	86,000	*
Darke	6,700	7,200	56.3	54.6	377,000	393,000
Hardin	5,400	5,000	78.9	78.0	426,000	390,000
Logan	6,000	5,100	63.3	77.1	380,000	393,000
Mercer	12,200	12,000	76.6	65.4	935,000	785,000
Miami	2,400	1,600	75.8	71.3	182,000	114,000
Shelby	9,200	7,500	69.3	70.8	638,000	531,000
District 4	57,000	53,000	71.9	67.6	4,097,000	3,585,000
Delaware	2,800	1,800	59.3	60.6	166,000	109,000
Fairfield	1,300	1,000	53.5	63.0	69,600	63,000
Fayette	*	*	*	*	*	*
Franklin	*	*	*	*	*	*
Knox	5,200	4,400	64.0	65.9	333,000	290,000
Licking	2,300	3,000	58.3	66.3	134,000	199,000
Madison	1,500	1,200	67.3	65.8	101,000	79,000
Marion	1,300	1,900	72.0	64.2	93,600	122,000
Morrow	5,000	2,300	60.2	62.2	301,000	143,000
Pickaway	*	1,000	*	65.0	*	65,000
Ross	*	*	*	*	*	*
Union	2,800	2,400	72.1	68.3	202,000	164,000
District 5	25,000	21,000	62.4	64.4	1,560,000	1,353,000

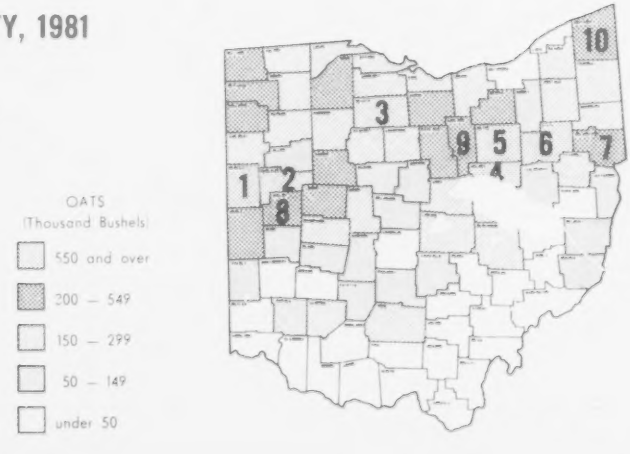
Oats for grain: Acreage, yield and production, Ohio, 1980-81

County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Bu. per acre		Bushels	
Belmont	1,500	1,700	56.0	52.5	84,000	89,300
Carroll	3,500	4,000	58.0	52.5	203,000	210,000
Coshocton	3,400	4,000	47.1	61.8	160,000	247,000
Harrison	*	*	*	*	*	*
Holmes	10,900	10,000	58.8	61.9	641,000	619,000
Jefferson	1,100	1,900	53.3	51.9	58,600	98,700
Tuscarawas	3,700	2,500	57.0	49.2	211,000	123,000
District 6	25,000	25,000	56.0	57.4	1,399,000	1,436,000
Butler	1,300	*	49.0	*	63,700	*
Clermont	*	*	*	*	*	*
Clinton	1,400	2,900	51.8	52.4	72,500	152,000
Greene	*	*	*	*	*	*
Hamilton	*	*	*	*	*	*
Montgomery	*	*	*	*	*	*
Preble	1,500	1,200	52.0	52.0	78,000	62,400
Warren	1,300	1,100	49.0	61.5	63,700	67,700
District 7	7,000	8,000	51.0	54.0	357,000	432,000
Adams	1,600	*	42.9	*	68,600	*
Brown	*	*	*	*	*	*
Gallia	*	*	*	*	*	*
Highland	*	*	*	*	*	*
Jackson	*	*	*	*	*	*
Lawrence	*	*	*	*	*	*
Pike	*	*	*	*	*	*
Scioto	*	*	*	*	*	*
District 8	4,000	3,000	43.5	44.3	174,000	133,000
Athens	*	*	*	*	*	*
Guernsey	*	*	*	*	*	*
Hocking	*	*	*	*	*	*
Meigs	*	*	*	*	*	*
Monroe	1,200	1,000	55.0	51.0	66,000	51,000
Morgan	*	*	*	*	*	*
Muskingum	3,200	3,000	44.4	55.0	142,000	165,000
Noble	*	*	*	*	*	*
Perry	1,000	1,000	52.8	42.6	52,800	42,600
Vinton	*	*	*	*	*	*
Washington	*	*	*	*	*	*
District 9	9,000	9,000	46.8	48.9	421,000	440,000
STATE	290,000	270,000	67.0	63.0	19,430,000	17,010,000

*Counties with less than 1,000 acres not published.

OAT PRODUCTION BY COUNTY, 1981

RANK OF FIRST TEN COUNTIES



All hay. Acreage, yield and production, Ohio, 1980-81

County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Tons per acre		Tons	
Allen	5,700	5,100	2.9	2.8	16,700	14,400
Defiance	7,300	8,000	2.7	2.3	19,400	18,400
Fulton	5,700	6,000	3.4	3.3	19,400	19,900
Hancock	7,100	6,000	2.4	2.0	17,000	12,000
Henry	5,900	5,100	3.0	2.9	17,800	14,800
Lucas	1,900	2,500	3.0	2.3	5,700	5,800
Paulding	5,300	4,500	2.1	2.1	11,100	9,500
Putnam	9,200	10,900	3.0	2.4	27,800	26,200
Van Wert	3,600	4,000	3.0	2.3	10,900	9,200
Williams	9,500	10,400	3.0	2.8	28,600	29,500
Wood	8,800	7,500	2.6	2.6	22,600	19,300
District 1	70,000	70,000	2.8	2.6	197,000	179,000
Ashland	33,200	32,300	2.6	2.9	87,700	94,100
Crawford	12,600	13,000	3.4	2.5	42,800	32,200
Erie	5,600	6,500	3.5	3.5	19,600	22,300
Huron	10,600	9,500	3.3	3.4	34,900	32,300
Lorain	18,200	18,800	2.3	3.3	41,600	62,000
Ottawa	5,000	5,800	3.0	3.0	14,900	17,400
Richland	21,900	22,400	3.0	3.0	65,400	67,400
Sandusky	9,200	9,400	3.6	3.6	33,100	33,800
Seneca	11,100	10,800	2.5	2.4	28,300	25,800
Wyandot	7,600	6,500	3.0	2.5	22,700	16,200
District 2	135,000	135,000	2.9	3.0	391,000	404,000
Ashtabula	43,100	39,000	2.5	2.3	109,000	91,400
Columbiana	35,700	35,400	2.9	3.3	105,000	118,000
Cuyahoga	1,200	1,200	1.6	2.3	1,900	2,800
Geauga	16,800	14,400	2.6	2.6	44,200	37,700
Lake	2,800	2,800	2.2	2.1	6,200	5,900
Mahoning	15,400	14,100	2.6	2.9	40,500	40,700
Medina	24,300	22,800	2.6	2.7	62,300	61,700
Portage	18,500	17,000	2.4	2.9	44,400	49,000
Stark	32,100	32,100	2.8	3.0	90,200	95,500
Summit	4,100	4,500	2.4	2.5	10,000	11,300
Trumbull	19,300	20,500	2.7	2.7	52,300	55,500
Wayne	56,700	56,200	3.0	3.3	172,000	185,500
District 3	270,000	260,000	2.7	2.9	738,000	755,000
Auglaize	21,300	21,000	3.5	2.7	73,800	56,500
Champaign	15,800	16,000	3.0	3.3	47,900	52,500
Clark	10,800	10,300	3.0	2.7	31,900	27,700
Darke	17,100	18,800	3.3	3.4	56,100	63,900
Hardin	9,500	8,500	2.4	1.8	22,400	15,000
Logan	22,100	20,100	2.5	2.7	55,800	54,100
Mercer	28,600	28,000	3.5	2.4	101,000	65,900
Miami	8,900	8,500	2.8	2.9	24,900	24,300
Shelby	20,900	23,800	3.6	2.1	75,200	50,100
District 4	155,000	155,000	3.2	2.6	489,000	410,000
Delaware	11,200	9,000	2.7	2.9	29,800	26,100
Fairfield	19,300	16,400	2.1	2.1	41,400	33,900
Fayette	7,700	7,000	2.4	1.5	18,500	10,400
Franklin	6,700	5,600	2.6	2.0	17,300	11,100
Knox	30,200	24,000	2.7	3.2	80,400	77,400
Licking	29,400	25,600	2.2	2.1	64,700	53,800
Madison	9,700	9,200	2.2	2.6	21,600	23,600
Marion	5,200	3,600	2.6	1.6	13,400	5,600
Morrow	13,800	11,700	2.2	1.8	30,800	21,300
Pickaway	14,700	14,800	2.2	2.2	32,300	33,100
Ross	16,600	16,400	2.4	2.9	39,900	47,600
Union	15,500	11,700	2.6	2.3	39,900	27,100
District 5	180,000	155,000	2.4	2.4	430,000	371,000

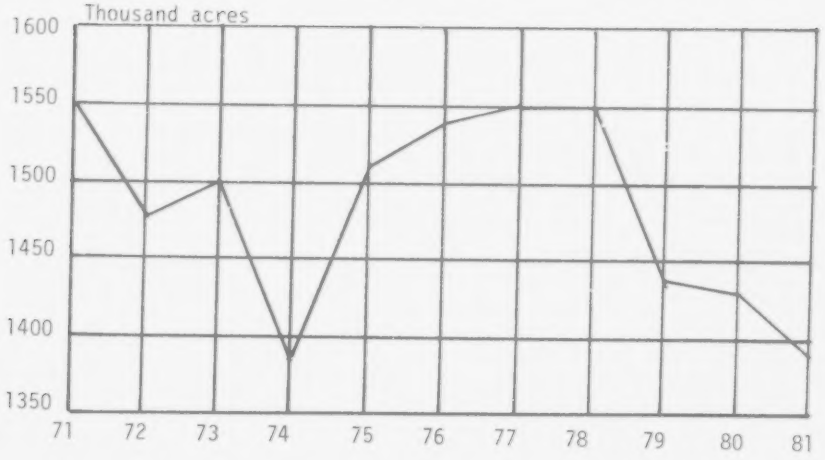
All hay: Acreage, yield and production, Ohio, 1980-81

County & District	Acreage harvested		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Tons per acre		Tons	
Belmont	32,000	34,000	2.0	2.1	64,900	70,100
Carroll	29,500	27,200	2.3	1.9	67,800	51,700
Coshocton	30,400	28,900	2.6	2.3	79,100	66,500
Harrison	22,000	21,600	2.5	2.1	55,000	44,600
Holmes	45,800	45,400	2.5	2.3	113,000	105,000
Jefferson	16,600	17,000	2.6	3.2	43,200	54,400
Tuscarawas	33,700	30,900	2.3	2.6	78,000	80,700
District 6	210,000	205,000	2.4	2.3	501,000	473,000
Butler	18,100	19,000	2.1	2.5	38,500	46,700
Clermont	10,800	11,200	1.9	1.8	20,500	20,600
Clinton	7,500	7,600	2.2	2.9	16,500	22,000
Greene	10,400	9,500	2.1	2.7	21,500	25,800
Hamilton	4,200	3,400	2.1	1.9	8,700	6,500
Montgomery	8,700	8,800	2.5	2.3	21,700	20,100
Preble	13,100	9,500	2.5	2.5	32,800	23,300
Warren	12,200	11,000	2.3	3.0	27,800	33,000
District 7	85,000	80,000	2.2	2.5	188,000	198,000
Adams	25,800	25,400	2.1	2.1	54,300	52,800
Brown	18,000	18,100	2.0	2.8	36,500	50,200
Gallia	16,100	16,300	1.8	1.7	28,500	28,300
Highland	22,400	18,700	1.9	2.8	41,500	51,900
Jackson	15,200	14,100	1.8	1.8	26,900	25,700
Lawrence	7,600	6,600	1.9	2.1	14,700	13,700
Pike	7,100	9,000	2.2	1.6	15,600	14,000
Scioto	12,800	11,800	2.1	1.6	27,000	19,400
District 8	125,000	120,000	2.0	2.1	245,000	256,000
Athens	15,000	15,000	1.9	2.2	28,700	33,100
Guernsey	24,700	25,500	1.9	2.0	46,900	51,900
Hocking	7,200	6,600	1.7	1.8	12,500	11,900
Meigs	16,800	15,800	2.2	2.2	37,000	34,900
Monroe	20,200	21,400	2.3	1.8	45,700	38,200
Morgan	19,100	18,100	1.7	1.7	33,200	30,700
Muskingum	32,400	32,600	2.3	2.3	75,900	74,700
Noble	22,200	24,000	1.7	2.6	38,500	63,200
Perry	11,800	11,500	2.1	2.3	24,600	26,400
Vinton	6,400	6,000	2.1	2.4	13,400	14,200
Washington	24,200	23,500	2.2	2.0	52,600	47,800
District 9	200,000	200,000	2.0	2.1	409,000	427,000
STATE	1,430,000	1,380,000	2.5	2.5	3,588,000	3,473,000

*Counties with less than 1,000 acres not published.

HAY HARVESTED ACRES, OHIO

1971 - 1981



Sugar beets: Acreage, yield and production, Ohio, 1980-81

County	Harvested acres		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Tons per acre		Tons	
Hancock	1,200	800	18.8	15.3	22,600	12,200
Lucas	1,300	1,000	17.5	17.7	22,800	17,700
Ottawa	1,950	1,550	18.9	18.5	36,800	28,700
Putnam	2,950	2,400	18.1	18.1	52,900	43,400
Sandusky	7,000	6,200	20.3	20.1	142,100	124,800
Seneca	1,150	950	21.4	21.4	23,400	20,300
Wood	1,500	900	16.5	16.4	24,700	14,800
All other 1/	750	600	18.3	20.2	13,700	12,100
State	17,800	14,400	19.1	19.0	339,000	274,000

1/Includes Erie, Henry, Huron and Van Wert Counties.

Burley tobacco: Acreage, yield and production, Ohio, 1980-81

County	Harvested acres		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Lbs. per acre		Lbs.	
Adams	2,570	3,180	1,930	1,790	4,964,000	5,698,000
Brown	3,450	3,425	1,880	2,060	6,492,000	7,056,000
Clermont	1,060	1,270	1,810	1,570	1,919,000	1,992,000
Gallia	970	1,270	1,620	1,575	1,570,000	1,998,000
Hamilton	30	30	2,200	1,710	66,000	51,000
Highland	710	900	1,505	1,810	1,069,000	1,626,000
Jackson	65	100	1,490	1,420	97,000	142,000
Lawrence	400	470	1,300	1,295	520,000	608,000
Pike	110	240	1,410	1,340	155,000	321,000
Ross	30	50	1,400	1,400	42,000	70,000
Scioto	350	400	1,925	1,875	674,000	750,000
Other 1/	55	65	1,310	1,445	72,000	94,000
State	9,800	11,400	1,800	1,790	17,640,000	20,406,000

1/Includes Athens, Butler, Clinton, Fayette, Greene, Meigs, Monroe, Montgomery, Noble, Vinton and Warren Counties.

Apple production by varieties, Ohio, 1977-81

Variety	1977	1978	1979	1980	1981
	Million pounds				
Cortland	2.0	5.0	4.0	5.0	3.0
Delicious	8.0	27.0	19.0	34.0	19.0
Golden Delicious	15.0	17.0	20.0	27.0	16.0
Jonathan	13.0	21.0	21.0	26.0	15.0
McIntosh	4.0	7.0	5.0	10.0	6.0
Rome Beauty	13.0	26.0	17.0	32.0	19.0
Stayman	6.0	11.0	8.0	19.0	11.0
Other	4.0	16.0	11.0	17.0	11.0
Total production	65.0	130.0	105.0	170.0	100.0

Processing tomatoes: Harvested acreage, yield and production, by county, Ohio, 1980-81

County	Harvested acreage		Yield		Production		County	Harvested acreage		Yield		Production	
	1980	1981	1980	1981	1980	1981		1980	1981	1980	1981	1980	1981
			Ton		Ton					Ton		Ton	
Darke	860	330	11.9	12.1	10,300	4,000	Sandusky	3,430	2,900	15.5	21.3	53,200	61,900
Defiance	220	130	14.1	16.2	3,100	2,100	Seneca	1,560	1,050	15.8	21.6	24,600	22,700
Fulton	800	750	15.3	18.5	12,200	13,900	Williams	450	400	10.9	18.3	4,900	7,300
Hancock	520	650	14.4	16.6	7,500	10,800	Wood	2,580	2,200	14.7	16.5	38,000	36,400
Henry	1,460	1,100	16.2	17.0	23,700	18,700	Other 1/	1,970	1,890	14.4	12.2	28,400	23,100
Mercer	370	-	12.2	-	4,500	-	State totals	16,800	14,100	15.0	18.0	252,000	253,100
Ottawa	510	800	21.6	22.5	11,000	18,000							
Putnam	2,070	1,900	14.8	18.0	30,600	34,200							

1/ The following counties were combined to avoid disclosure of individual operations: Allen, Auglaize, Erie, Lucas, Miami, Shelby, Van Wert and Wyandot; Paulding, 1980 only; Logan, Mercer and Summit, 1981 only.

Processing tomatoes: Method of planting as percent of harvested acreage, Ohio, 1980-81

Methods of planting	Harvested acreage		Percent	
	1980	1981	1980	1981
Seeded	5,200	3,600	31	26
Transplanted	11,600	10,500	69	74
Total	16,800	14,100	100	100

Processing tomatoes: Method of harvesting as percent of harvested acreage, Ohio, 1980-81

Methods of harvesting	Harvested acreage		Percent	
	1980	1981	1980	1981
Mechanical	10,300	8,500	61	60
Handpicked	6,500	5,600	39	40
Total	16,800	14,100	100	100

Processing cucumbers: Harvested acreage, yield and production, by counties, Ohio, 1980-81

County	Harvested acreage		Yield		Production	
	1980	1981	1980	1981	1980	1981
	Acres		Tons		Tons	
Ottawa 1/	-	690	-	12.9	-	8,900
Sandusky	2,900	2,250	10.0	11.6	28,900	26,000
Seneca 1/	-	560	-	13.4	-	7,500
Wood 1/	-	820	-	12.6	-	10,300
Other 2/	3,200	880 2/	10.5	12.4	33,630	10,950 2/
Total	6,100	5,200	10.3	12.2	62,530	63,650

1/Included in "other" for 1980. 2/Includes Defiance, Erie, Fulton, Henry, Mercer, Putnam and Williams counties. A few operators produced cucumbers in both Michigan and Ohio and these totals were not separated in the original State estimate.

Fall potatoes: Production and total stocks held by growers and dealers, Ohio, 1971-81

Crop year	Production	Stocks	Stocks following year			
		December 1	January 1	February 1	March 1	April 1
			Thousand hundredweight			
1979	2,400	1,250	800	600	400	220
1980	1,995	500	300	185	80	*
1981	1,845	680	330	160	75	20

*Not published to avoid disclosing individual operations.

Grain stocks: Total stocks and percent of production, by quarters 1/, Ohio, 1980-82

Crop	Year	January 1 All positions	January 1 % of prod.	April 1 All positions	April 1 % of prod.	June 1 All positions	June 1 % of prod.	October 1 2/ All positions	October 1 2/ % of prod.
		Thousand bushels							
CORN									
	1980	306,581	73.4	215,704	51.7	160,959	38.6	41,993	10.1
	1981	314,176	71.3	213,846	48.5	151,107	34.3	44,786	10.2
	1982	304,137	84.5	194,119	53.9				
SOYBEANS									
	1980	110,277	76.1	88,512	61.1	58,225	40.2	28,300	19.5
	1981	117,897	87.1	80,511	59.5	51,841	38.3	25,300	18.7
	1982	84,155	84.4	56,735	56.9				
WHEAT									
	1980	29,925	47.2	21,203	33.5	10,790	17.0	47,439	70.7
	1981	38,687	57.6	22,517	33.5	11,908	17.7	68,901	94.9
	1982	51,807	71.4	26,691	36.8				
OATS									
	1980	14,896	73.4	8,350	41.1	6,310	31.1	17,796	91.6
	1981	11,997	61.7	7,202	37.1	4,532	23.3	15,582	91.6
	1982	10,971	64.5	5,592	32.9				

1/Percent of production refers to previous year's production, except October 1 where percent for wheat and oats refers to current year. 2/Soybean stocks are for September 1

Stocks of grain: By position and quarter, Ohio, 1980-82

Crop	Year	January 1 On farm	January 1 Off farm	April 1 On farm	April 1 Off farm	June 1 On farm	June 1 Off farm	October 1 1/ On farm	October 1 1/ Off farm
		Thousand bushels							
CORN									
	1980	212,900	93,681	137,759	77,945	104,363	56,596	16,698	25,295
	1981	220,350	93,826	127,803	86,043	88,140	62,967	22,035	22,751
	1982	205,200	98,937	118,800	75,319				
SOYBEANS									
	1980	50,694	59,583	36,210	52,302	21,726	36,499	7,242	21,058
	1981	50,083	67,814	33,840	46,671	25,718	26,123	13,536	11,764
	1982	42,893	41,262	25,935	30,800				
WHEAT									
	1980	3,802	26,123	2,534	18,669	634	10,156	7,384	40,055
	1981	4,028	34,659	2,014	20,503	671	11,237	7,986	60,915
	1982	5,082	46,725	1,815	24,876				
OATS									
	1980	8,932	5,964	5,075	3,275	4,060	2,250	11,269	6,527
	1981	7,772	4,225	4,469	2,733	2,720	1,812	9,696	5,886
	1982	6,974	3,997	3,232	2,360				

1/Soybean stocks are for September 1.

All hay on farms 1/: Ohio, 1979-82

Year	Jan. 1	Percent of prod.	May 1	Percent of prod.
	Thou. ton	Pct.	Thou. ton	Pct.
1979	2,480	64	930	24
1980	2,750	76	905	25
1981	2,296	64	502	14
1982	1,841	53	347	10

1/Pertains to previous year's production.

Dry onions: Stocks held in common storage by growers and dealers, January 1 1/, Ohio, 1979-82

Year	Stocks	Percent of production
	Thou. cwt.	Percent
1979	111	48
1980	100	45
1981	74	45
1982	57	32

1/Pertains to previous year's production.

Corn, soybeans, wheat, oats, all hay: Harvested acres, yield and production, Ohio, 1972-81

Year	Corn for grain			Soybeans			Wheat		
	Harvested acres	Yield	Production	Harvested acres	Yield	Production	Harvested acres	Yield	Production
	Thou.	Bu./acre	Thou. bu.	Thou.	Bu./acre	Thou. bu.	Thou.	Bu./acre	Thou. bu.
1972	3,090	92.0	284,280	3,010	26.5	79,765	1,029	45.0	46,305
1973	3,040	80.0	243,200	3,590	25.5	91,545	800	32.0	25,600
1974	3,540	75.0	265,500	3,140	26.0	81,640	1,450	41.0	59,450
1975	3,340	93.0	310,620	3,100	33.0	102,300	1,680	42.0	70,560
1976	3,820	103.0	393,460	2,880	33.0	95,040	1,600	40.0	64,000
1977	3,620	105.0	380,100	3,480	35.0	121,800	1,540	47.0	72,380
1978	3,610	105.0	379,050	3,870	33.0	127,710	1,080	39.0	42,120
1979	3,630	115.0	417,450	4,080	35.5	144,840	1,320	48.0	63,360
1980	3,900	113.0	440,700	3,760	36.0	135,360	1,370	49.0	67,130
1981	3,750	96.0	360,000	3,500	28.5	99,750	1,650	44.0	72,600

Year	Oats			All Hay (Tons)			5 Major Crops*(Thou. acres)
	Thou.	Bu./acre	Thou. bu.	Thou.	Tons/acre	Thou. tons	
1972	367	61.0	22,387	1,476	2.12	3,134	9,275
1973	540	48.0	25,920	1,500	2.20	3,293	9,760
1974	475	62.0	29,450	1,380	2.19	3,029	10,335
1975	465	63.0	29,295	1,510	2.36	3,568	10,375
1976	440	57.0	25,080	1,540	2.31	3,554	10,580
1977	370	59.0	21,830	1,550	2.30	3,558	10,860
1978	340	61.0	20,740	1,550	2.50	3,875	10,740
1979	290	70.0	20,300	1,440	2.51	3,618	11,000
1980	290	67.0	19,430	1,430	2.51	3,588	11,040
1981	270	63.0	17,010	1,380	2.52	3,473	10,950

*Corn and soybeans planted plus hay, wheat and oats harvested.

Cash rents: Whole farms and cropland, Ohio, 1981-82 1/

District	Rent per acre for whole farms						Rent per acre for cropland					
	1981			1982			1981			1982		
	Average	Range	Number of reports	Average	Range	Number of reports	Average	Range	Number of reports	Average	Range	Number of reports
	Dollars		No.	Dollars		No.	Dollars		No.	Dollars		No.
1	95	50-150	104	99	30-160	162	100	25-200	114	102	35-180	176
2	80	25-140	74	81	25-150	122	80	25-200	83	84	20-150	136
3	35	10- 80	42	37	10- 65	67	40	15-100	54	41	10-150	83
4	110	40-175	83	104	30-150	127	115	45-150	95	111	60-175	135
5	85	30-125	85	86	30-140	136	95	25-170	107	91	35-160	155
6	45	15- 80	14	50	10-130	28	55	25-110	15	61	20-150	33
7	80	20-130	33	89	40-150	68	85	20-130	46	92	28-160	79
8	55	25-120	24	62	25-100	35	65	15-125	29	70	25-150	41
9	35	5-110	16	40	10-100	30	45	10- 95	24	51	15-100	39

1/Data are based on reports of farmers for farms in their locality as of March 1, 1981 and April 1, 1982.

Farm real estate: Value and cash rents, Ohio, 1977-82 1/

Year	Average value/acre 1/			Total value 1/		Cash rent per acre 2/		
	Index 3/	Actual	% prev. year	Land & buildings	Buildings	Cropland	Pasture	Whole farms
		Dollars		Million dollars		Dollars		
1977	100	1,099	130	18,029	4,513	59.80	20.30	53.00
1978	113	1,224	111	19,953	4,945	68.00	18.22	59.60
1979	135	1,483	121	24,173	5,931	76.80	24.90	69.00
1980	156	1,678	113	27,347	6,643	81.80	27.80	72.00
1981	160	1,727	116	28,143	6,768	87.70	27.30	78.60
1982	137	1,474	85	23,875	4/	88.40	28.10	80.80

1/Averages for this historic series are based on sample surveys of farmers, farm real estate brokers, land appraisers, local banks and county officials. 2/Rents are based on March 1 survey of farmers until 1981. In 1982 the survey was conducted April 1. 3/1977=100 (base year). 4/Not available at publication date.

Ohio crop records: Acreage, yield and production

Crop	Date series began	Record 1/	Harv. acreage: Acreage	Harv. acreage: Year	Yield: Yield	Yield: Year	Total production: Production	Total production: Year	Unit
			Thousand				Thousand		
Corn for grain	1919	High	3,900	1980	115.0	1979	440,700	1980	Bu.
		Low	2,537	1961	27.5	1930	75,598	1924	Bu.
Corn for silage	1919	High	285	1981	15.0	1979	3,990	1981	Tons
		Low	106	1935	5.4	1930	823	1933	Tons
Soybeans for beans	1924	High	4,080	1979	36.0	1980	144,840	1979	Bu.
		Low	17	1925	11.5	1926	207	1926	Bu.
Wheat	1866	High	3,209	1899	49.0	1980	72,600	1981	Bu.
		Low	800	1973	6.0	1900	9,000	1866	Bu.
Oats	1866	High	2,374	1928	70.0	1979	92,400	1912	Bu.
		Low	270	1981	20.0	1890	17,010	1981	Bu.
Barley	1866	High	318	1928	54.0	1972	8,427	1928	Bu.
		Low	8	1980	15.0	1933	332	1934	Bu.
Rye	1866	High	200	1913	33.0	1980	2,700	1913	Bu.
		Low	5	1981	10.0	1896	150	1981	Bu.
Popcorn	1935	High	30.0	1945	3550.0	1976	66,740	1976	Lbs.
		Low	4.0	1935	1150.0	1936	7,000	1935	Lbs.
Alfalfa hay	1919	High	1,052	1955	3.15	1981	2,144	1964	Tons
		Low	93	1920	1.30	1930	188	1919	Tons
Other hay	1964	High	1,080	1968	2.20	1981	2,100	1973	Tons
		Low	860	1979	1.49	1965	1,328	1965	Tons
All hay	1866	High	3,553	1908	2.52	1981	4,898	1916	Tons
		Low	1,380	1981	.6	1895	1,755	1895	Tons
Red clover seed	1919	High	352.2	1944	95	1978	15,800	1951	Lb.
		Low	10.0	1981	25	1926	700	1981	Lb.
Timothy seed	1919	High	93.0	1957	180	1978	13,950	1957	Lb.
		Low	6.0	1981	91	1934	910	1977	Lb.
Apples	1934	High					7,886	1937	Bu.
		Low					780	1945	Bu. 3/
Peaches	1899	High					3,800	1901	Bu.
		Low					20	1963	Bu. 4/
Grapes 2/	1909	High					34.4	1935	Tons
		Low					4.9	1945	Tons
Maple sirup	1916	High					1,103	1918	Gal.
		Low					35	1973	Gal.
Potatoes	1866	High	225	1895	249	1976	12,269	1909	Cwt.
		Low	10.2	1981	27	1881	2,073	1981	Cwt.
Sugar beets	1924	High	51.0	1938	21.7	1971	896	1971	Tons
		Low	9.5	1931	5.8	1937	72	1943	Tons
Burley	1919	High	25.0	1919	2,680	1970	23,348	1963	Lbs.
		Low	6.7	1971	715	1935	6,435	1935	Lbs.
All tobacco	1866	High	106	1909	2,496	1970	94,575	1918	Lbs.
		Low	8.35	1970	620	1875	12,450	1874	Lbs.

1/In case of ties, most recent year designated as record year. 2/Utilized production. 3/42 lbs. 4/48 lbs.

EXPORTS

United States exports rose by 8 percent in fiscal year 1981 (October 1, 1980 through September 30, 1981) to a record high $43.8 billion, marking the 12th consecutive annual increase. Higher prices produced most of the 1981 increase as total volume fell slightly. Export demand for feed grains and soybean meal to fuel livestock industries slowed due to stagnant income growth and declining demand for red meat. The value of coarse grain exports (corn, grain sorghum, barley, oats and their products) advanced 14 percent to $11.1 billion following a 39 percent increase the previous year. Soybeans and products exports dropped off 6 percent to $8.0 billion. Wheat and flour export value was a record $8.1 billion, an increase of 21 percent. China, USSR, Latin America, North Africa, East Asia and the Middle East provided most of the growth in wheat demand. Developing countries continue to be the major growth area for U.S. farm exports. Centrally planned economies purchased mostly grains, with an emphasis on feed grains. Exports to developed countries met with mixed success in 1980/81. While sales to Japan and Canada grew significantly, exports to Western Eurpoe fell 6 percent. Japan remained the leading market with $6.7 billion in purchases. The Netherlands, through which much of the ECC's agricultural imports pass, ranked second with $3.3 billion. Mexico and Mainland China remained third and fourth, respectively, with purchases of $2.7 billion and $2.2 billion. The Republic of Korea advanced from 7th to 5th with $2.2 billion in purchases. Sales to the USSR increased 15 percent to $1.7 billion.

Value of export shares of agricultural commodities, Ohio and U.S., fiscal years 1978-81 1/

Year ended Sep. 30	Poultry and products	Wheat and flour	Feed grains 2/	Soybeans and oil	Dairy products	Unmanufactured tobacco	Animals and meats 3/	Hides and skins 4/	Total 5/
					Million dollars				
					Ohio				
1978	4.9	155.5	333.4	436.6	8.2	5.6	16.0	18.8	1,065.8
1979	5.7	126.2	362.4	504.8	9.6	6.4	16.6	27.2	1,154.6
1980	8.1	190.8	445.1	548.5	5.5	7.1	24.7	25.2	1,305.1
1981	11.3	231.5	662.0	607.2	6.7	7.6	26.6	22.4	1,633.0
					United States				
1978	331.7	4,138.7	5,983.1	6,410.9	155.8	1,131.8	687.6	823.6	27,306.2
1979	368.1	4,862.0	7,026.1	7,515.0	116.1	1,292.2	844.1	1,302.7	31,975.4
1980	546.5	6,632.6	9,777.5	8,587.8	156.3	1,348.5	1,025.8	1,115.6	40,481.4
1981	765.2	8,051.7	11,149.8	8,038.9	246.1	1,338.5	1,179.8	1,002.0	43,788.5

1/The export shares for Ohio were derived from the State's contribution to national output. They do not show actual exports, but instead reflect the common stake in the national export total. 2/Includes barley, corn, oats, and sorghum grain. 3/Includes live animals exported beginning 1980. 4/Excludes poultry. 5/Total includes commodities not listed here. Source: FATUS, March-April 1982, ERS, USDA.

Foreign trade: Value of U.S. foreign trade and trade balance, selected fiscal years, October-September, 1976-81

	1976/77	1977/78	1978/79	1979/80	1980/81
			Million dollars		
Agricultural exports	23,974	27,290	31,975	40,481	43,788
Nonagricultural exports	94,311	103,906	135,501	169,805	185,440
Total exports	118,285	131,196	167,476	210,286	229,228
Agricultural imports	13,357	13,886	16,187	17,276	17,217
Nonagricultural imports	129,291	150,916	178,464	222,455	238,319
Total imports	142,648	164,802	194,651	239,731	255,536
Agricultural trade balance	+10,617	+13,403	+15,788	+23,205	+26,571
Nonagricultural trade balance	-34,980	-47,010	-42,963	-52,650	-52,879
Total trade balance	-24,363	-33,606	-27,175	-29,445	-26,308

Source: Foreign Agricultural Trade of the United States, USDA, Economic Research Series, November/December 1981 and comparable issues for earlier years.

WEATHER SUMMARY FOR THE 1981 GROWING SEASON

Ohio farmers began 1981 spring fieldwork on schedule and advanced rapidly through the first two weeks of April. Oats planting was accomplished much earlier than normal. Corn planting began slightly later than normal and then the skies opened up. The final three weeks of April allowed only 4-1/2 days of field work Statewide and until Memorial Day weekend only 5 days were available in May. In addition May brought below normal temperatures. Near the end of May, clear weather allowed farmers to rush corn planting.

June weather turned out to be a repeat of May's low temperatures and excessive rain as only 2-3 days were available for planting Statewide in any one week. Near mid-June, torrential rains brought flooding to many areas of Ohio, especially Northwest and North Central areas, destroying crop stands that farmers had been able to plant between the frequent rains. Farmers concentrated on corn planting throughout June and only switched to soybean planting when corn was finished. Both crops were planted very late.

Most of the summer was cooler than normal which slowed corn development but also minimized heat stress during the critical silking stage. Soybean development was compressed into a shorter period which cut yields.

Subnormal temperatures continued through late summer and fall, raising fears of an early frost. But the first hard freezes occurred in late October throughout most of Ohio. Above normal rainfall in September also gave farmers concern for a wet harvest season, but as the late crops matured, the weather cleared and harvest operations proceeded at a steady pace, although later than normal. The late harvest of row crops also delayed winter wheat seeding which ran late but were completed in time to make some growth before winter began.

Sky cover, 1981 1/

Month	Akron-Canton		Youngstown		Mansfield	
	Average	Deviation from normal	Average	Deviation from normal	Average	Deviation from normal
	Index					
April	7.4	0.2	7.5	0.3	7.3	0.2
May	6.8	0.1	6.8	0.1	6.6	-0.1
June	6.8	0.7	3.7	0.6	6.8	0.8
July	5.8	-0.1	6.0	1.0	6.1	0.3
August	6.6	0.9	7.0	1.3	6.4	0.7
September	7.4	2.7	8.2	2.2	7.1	1.1
October	6.4	0.7	7.3	1.3	5.6	-1.2

1/Index of hourly observations of cloud cover. Each hour during the day cloud cover is rated in tenths. A cloudless sky receives a "0" rating and the rating increases up to 10.

Percent of possible sunshine, 1981 1/

Month	Cleveland		Columbus		Dayton		Toledo		Cincinnati	
	1981	Dev. from normal	1981	Dev. from normal	1981	Dev. from normal	1981	Dev. from normal	1981	Dev. from normal
	Percent									
April	49	-4	45	-17	54	1	50	-2	38	-17
May	50	-9	51	-7	57	-3	50	-10	53	-8
June	68	5	48	-14	61	-6	56	-7	37	-30
July	69	1	36	-28	61	-7	67	-1	61	-7
August	58	-6	51	-12	59	-11	67	1	52	-15
September	46	-14	47	-15	50	-16	61	1	59	-12
October	54	-1	59	1	64	1	67	8	58	-1

1/Percent of time that enough light to cast a shadow was present. Time is measured from official sunrise to sunset.

Last occurance of critical Fahrenheit temperatures in spring 1981

Station	20°		24°		28°		30°		32°		36°		40°		43°	
	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day
Hoytville	3	25	4	21	4	21	4	21	5	7	5	20	5	20	6	8
Findlay	3	20	3	22	4	21	4	21	4	26	5	7	5	13	5	21
Fremont	3	19	3	25	4	21	4	21	4	21	5	3	5	20	6	1
Pandora	3	20	3	26	4	22	4	22	5	8	5	21	5	21	5	22
Toledo	3	22	3	25	4	26	4	26	5	8	5	20	6	1	6	1
Willard	3	18	4	21	4	21	5	8	5	8	5	21	5	21	6	1
Akron-Canton	3	20	3	22	4	21	4	21	4	26	5	7	5	20	6	1
Canfield	3	28	4	21	5	20	5	20	5	20	6	1	6	27	6	28
Cleveland	3	20	3	24	4	21	4	26	4	26	5	20	6	1	6	1
Wooster	3	20	4	22	4	22	4	27	5	8	5	21	5	22	6	2
Youngstown	3	20	3	22	4	21	4	21	5	13	5	13	5	21	5	21
Celina	3	20	3	26	4	22	4	22	5	8	5	21	5	21	5	22
Columbus	3	18	3	20	5	7	5	7	5	7	5	7	5	21	5	21
OSU Columbus	3	19	3	20	4	21	4	21	4	21	5	3	5	21	5	21
Coshocton	3	20	3	20	4	21	4	21	4	22	5	7	5	8	5	20
Mansfield	3	20	3	22	4	21	4	21	4	26	5	7	5	20	5	21
Marion	3	20	4	21	4	21	4	26	4	26	5	8	5	21	5	21
Cincinnati	3	14	3	21	3	24	4	21	4	21	4	21	5	16	5	21
Dayton	3	20	3	20	4	21	4	21	4	21	5	7	5	20	5	21
Ripley	3	19	3	20	3	24	4	21	4	21	4	22	5	8	5	21
S. Charleston	3	20	3	20	4	21	4	21	4	22	5	7	5	21	5	21
Wilmington	3	20	3	20	4	22	4	22	4	22	5	7	5	22	5	22
Caldwell	3	18	3	20	3	26	4	21	4	26	5	3	5	7	5	21
Jackson	4	2	4	2	4	21	4	21	5	3	5	9	5	21	5	22
Zanesville	3	18	3	28	4	21	4	26	4	26	5	20	5	21	5	21
Huntington W. Va.	2	13	3	20	3	26	4	7	4	21	5	3	5	3	5	22
Parkersburg, W. Va.	2	14	3	17	3	20	4	21	4	26	5	7	5	7	5	21

First occurance of critical Fahrenheit temperatures in fall 1981

Station	20°		24°		28°		30°		32°		36°		40°		43°	
	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day	Month	Day
Hoytville	11	23	10	24	10	24	10	3	10	3	9	23	9	23	9	23
Findlay	12	11	10	24	10	24	10	24	10	3	10	3	9	23	9	23
Fremont	12	18	10	24	10	24	10	24	10	3	10	3	9	24	9	23
Pandora	11	24	10	25	10	24	10	4	10	4	10	4	9	24	9	23
Toledo	10	24	10	24	10	24	10	3	10	3	10	3	9	23	9	20
Willard	11	10	11	10	10	24	10	24	10	5	9	23	9	23	9	23
Akron-Canton	12	18	12	9	10	24	10	4	10	4	10	4	9	23	9	23
Canfield	11	10	10	17	10	4	10	4	9	24	9	23	9	13	9	10
Cleveland	12	18	12	17	10	25	10	24	10	17	9	24	9	24	9	24
Wooster	12	1	10	25	10	18	10	5	10	5	9	25	9	24	9	24
Youngstown	11	10	11	10	10	17	10	17	10	9	9	24	9	23	9	19
Celina	11	24	10	25	10	25	10	4	10	4	9	24	9	24	9	24
Columbus	11	23	10	24	10	24	10	24	10	3	9	24	9	23	9	23
OSU Columbus	10	24	10	24	10	24	10	24	10	3	10	3	9	23	9	23
Coshocton	12	9	10	24	10	24	10	24	10	20	10	4	9	23	9	18
Mansfield	11	23	10	24	10	24	10	24	10	24	10	3	9	23	9	23
Marion	12	18	10	24	10	24	10	24	10	3	10	3	9	23	9	23
Cincinnati	10	24	10	24	10	24	10	24	10	24	10	3	9	24	9	17
Dayton	11	23	10	24	10	24	10	24	10	3	9	23	9	23	9	23
Ripley	11	23	10	24	10	24	10	24	10	24	10	3	9	23	9	23
S. Charleston	10	24	10	24	10	24	10	3	10	3	10	3	9	23	9	20
Wilmington	10	24	10	24	10	24	10	4	10	3	9	23	9	23	9	23
Caldwell	11	23	11	14	11	14	10	24	10	24	9	24	9	24	9	23
Jackson	11	23	10	24	10	24	10	24	10	20	9	24	9	23	9	23
Zanesville	11	23	10	24	10	24	10	17	10	17	9	24	9	23	9	18
Huntington W. Va.	11	23	11	23	10	24	10	20	10	20	10	4	9	24	9	18
Parkersburg W. Va.	11	23	11	23	10	24	10	24	10	24	10	4	9	24	9	23

Monthly precipitation, season accumulations and deviations from normal, in inches, 1/, 1981

Month	During month	Deviation	Since Apr. 1	Accum. deviation	During month	Deviation	Since Apr. 1	Accum. deviation	During month	Deviation	Since Apr. 1	Accum. deviation
	Hoytville				Findlay				Fremont			
April	3.82		3.82		4.15	0.61	4.15	0.61	3.55		3.55	
May	3.44		7.26		3.03	-0.91	7.18	-0.30	3.25		6.80	
June	11.09		18.35		8.37	4.89	15.55	4.59	9.25		16.05	
July	1.58		19.93		1.78	-2.25	17.33	2.34	1.80		17.85	
August	3.52		23.45		7.46	4.62	24.79	6.96	2.55		20.40	
September	4.58		28.03		4.26	1.85	29.05	8.81	8.38		28.78	
October	3.66		31.69		2.53	0.13	31.58	8.94	2.76		31.54	
November	1.22		32.91		1.53	-1.17	33.11	7.77	1.43		32.97	
	Toledo				Willard				Akron-Canton			
April	3.40	0.45	3.40	0.45	6.50		6.50		5.64	2.32	5.64	2.32
May	1.86	-1.47	5.26	-1.02	3.03		9.53		4.84	0.97	10.48	3.29
June	8.84	5.46	14.10	4.44	11.67		21.20		5.76	2.26	16.24	5.55
July	3.93	0.70	18.03	5.14	2.70		23.90		4.13	0.33	20.37	5.88
August	2.24	-0.83	20.27	4.31	4.16		28.06		1.45	-1.32	21.82	4.56
September	5.94	3.54	26.21	7.85	4.74		32.80		3.13	0.53	24.95	5.09
October	3.95	1.71	30.16	9.56	2.25		35.05		1.56	-0.81	26.51	4.28
November	0.85	-1.47	31.01	8.09	1.16		36.21		1.92	-0.58	28.43	3.70
	Canfield-Mahoning				Cleveland				Wooster			
April	4.53	1.41	4.53	1.41	4.13	0.64	4.13	0.64	4.53	1.25	4.53	1.25
May	4.33	0.51	8.86	1.92	2.16	-1.33	6.29	-0.69	3.61	-0.57	8.14	0.68
June	5.72	2.31	14.58	4.23	4.68	1.40	10.97	0.71	9.30	5.52	17.44	6.20
July	3.41	0.59	17.99	4.82	5.29	1.84	16.26	2.55	3.33	-0.74	20.77	5.46
August	1.95	-0.74	19.94	4.08	2.67	-0.33	18.93	2.22	2.03	-1.13	22.80	4.33
September	4.15	1.87	24.09	5.95	6.19	3.39	25.12	5.61	3.07	0.34	25.87	4.67
October	2.37	-0.39	26.46	5.56	3.05	0.48	28.17	6.09	2.04	0.00	27.91	4.67
November	2.02	-0.48	28.48	5.08	2.19	-0.57	30.36	5.52	1.73	-0.66	29.64	4.01
	Youngstown				Celina				Columbus			
April	3.32	-0.34	3.32	-0.34	4.47		4.47		5.06	1.35	5.06	1.35
May	3.96	0.06	7.28	-0.28	5.72		10.19		6.43	2.33	11.49	3.68
June	3.14	-0.45	10.42	-0.73	8.48		18.67		5.79	1.66	17.28	5.34
July	3.36	-0.54	13.78	-1.27	3.06		21.73		4.13	-0.08	21.41	5.26
August	1.73	-1.50	15.51	-2.77	1.42		23.15		1.37	-1.49	22.78	3.77
September	4.02	1.38	19.53	-1.39	2.38		25.53		2.24	-0.17	25.02	3.60
October	2.58	-0.36	22.11	-1.75	2.50		28.03		1.47	-0.42	26.49	3.18
November	1.70	-1.27	23.81	-3.02	1.11		29.14		1.65	-1.03	28.14	2.15
	OSU-Columbus				Coshocton				Mansfield			
April	4.26		4.26		6.43	2.52	6.43	2.52	5.70	2.37	5.70	2.37
May	6.40		10.66		4.37	0.25	10.80	2.77	4.40	0.62	10.10	2.99
June	6.06		16.72		6.77	2.70	17.57	5.47	9.44	5.95	19.54	8.94
July	4.25		20.97		7.69	3.18	25.26	8.65	2.20	-1.49	21.74	7.45
August	1.55		22.52		2.80	0.06	28.06	8.71	4.74	2.03	26.48	9.48
September	3.35		25.87		3.51	0.71	31.57	9.42	4.46	1.61	30.94	11.09
October	1.50		27.37		1.78	-0.59	33.35	8.83	2.80	0.83	33.74	11.92
November	1.78		29.15		1.91	-0.92	35.26	7.91	1.63	-0.89	35.73	11.03
	Cincinnati				Dayton				Ripley			
April	4.84	2.37	5.70	2.37	4.26	0.92	4.26	0.92	4.28		4.28	
May	5.18	1.47	10.02	3.84	4.99	1.23	9.25	2.15	6.57		10.85	
June	3.45	-0.36	13.47	3.48	6.20	2.32	15.45	4.47	6.25		17.10	
July	3.66	-0.46	17.13	3.02	6.05	2.51	21.50	6.98	5.68		22.78	
August	2.13	-0.49	19.26	2.53	3.32	0.77	24.82	7.75	3.67		26.45	
September	1.55	-1.00	20.81	1.53	5.25	2.97	30.07	10.72	4.23		30.68	
October	2.38	0.23	23.19	1.76	2.82	0.88	32.89	11.60	2.66		33.34	
November	1.99	-1.09	25.18	0.67	2.60	0.03	35.49	11.63	0.47		33.81	
	S. Charleston				Caldwell				Jackson			
April	4.86		4.86		4.88	1.52	4.88	1.52	3.30	-0.76	3.30	-0.76
May	7.75		12.61		7.35	3.13	12.23	4.65	6.06	1.82	9.36	1.06
June	5.16		17.77		7.98	3.82	20.21	8.47	3.59	0.08	12.95	1.14
July	3.53		21.30		5.73	1.24	25.94	9.71	2.26	-2.45	15.21	-1.31
August	2.23		23.53		1.43	-1.78	27.37	7.93	2.66	-0.54	17.87	-1.85
September	3.88		27.41		1.36	-1.16	28.73	6.77	1.96	-1.22	19.83	-3.07
October	3.15		30.56		2.08	-0.25	30.81	3.52	1.82	-0.44	21.65	-3.51
November	1.37		31.93		1.53	-1.14	32.34	5.38	0.69	-2.15	22.34	-5.66
	Zanesville				Huntington W. Va.				Parkersburg W. Va.			
April	5.06	1.40	5.06	1.40	4.36	1.10	4.36	1.10	3.03	-0.42	3.03	-0.42
May	6.00	2.50	11.06	3.90	5.65	1.83	10.01	2.93	4.38	0.82	7.41	0.40
June	9.40	5.29	20.46	9.19	5.18	1.81	15.19	4.74	6.50	2.49	13.91	2.89
July	5.00	0.70	25.46	9.89	5.20	1.01	20.39	5.75	4.58	0.30	18.49	3.19
August	1.69	-1.12	27.15	8.77	1.03	-2.31	21.42	3.44	0.82	-2.52	19.31	0.67
September	3.29	0.76	30.44	9.53	2.38	-0.48	23.80	2.96	3.22	0.42	22.53	1.09
October	1.36	-0.60	31.80	8.93	2.53	0.44	26.33	3.40	1.87	-0.24	24.40	0.85
November	2.73	1.21	34.53	10.14	1.25	-1.61	27.58	1.79	1.13	-1.39	25.53	-0.54

1/Deviations from normal rainfall are derived using the average rainfall over a 30 year period. These normals are updated each decade, and weather stations without deviations had less than 30 years of data during the period 1941-1970.

Monthly growing degree days, season accumulations, deviations from normal, 1/, 1981

Month	During month	Deviation	Since Apr. 1	Accum. deviation	During month	Deviation	Since Apr. 1	Accum. deviation	During month	Deviation	Since Apr. 1	Accum. deviation
	Hoytville				Findlay				Fremont			
April	169	19	169	19	185	5	185	5	172		172	
May	282	-78	451	-59	275	-94	460	-89	262		434	
June	541	-39	992	-98	586	-4	1046	-93	544		978	
July	662	2	1654	-96	694	14	1740	-79	672		1650	
August	614	14	2268	-82	644	16	2384	-63	594		2244	
September	384	-46	2652	-128	397	-63	2781	-126	388		2632	
October	137	-103	2789	-231	169	-81	2950	-207	149		2781	
November	60	-13	2849	-244	64	-16	3014	-223	65		2846	
	Toledo				Willard				Akron-Canton			
April	178	20	178	20	162		162		215	52	215	52
May	281	-64	459	-44	284		446		335	-6	550	46
June	559	-2	1018	-46	583		1029		596	47	1146	93
July	648	-21	1666	-67	702		1731		663	8	1809	101
August	609	-24	2275	-91	587		2318		632	17	2441	118
September	392	-45	2667	-136	367		2685		421	-16	2862	102
October	133	-106	2800	-242	160		2845		184	-59	3046	43
November	57	-7	2857	-249	80		2925		92	13	3138	56
	Canfield-Mahoning				Wooster				Youngstown			
April	141	-26	141	-26	187	29	187	29	214	64	214	64
May	273	-68	414	-94	285	-47	472	-18	331	8	545	72
June	485	-42	899	-136	552	25	1024	7	600	86	1145	158
July	587	-46	1486	-182	640	7	1664	14	639	10	1784	168
August	520	-78	2006	-260	566	-27	2230	-13	568	-21	2352	147
September	352	-81	2358	-341	380	-31	2610	-44	379	-151	2731	-4
October	136	-103	2494	-444	148	-78	2758	-122	149	-81	2880	-85
November	60	-21	2554	-465	74	1	2832	121	62	-18	2942	-103
	Celina				Columbus				OSU			
April	236	36	236	36	298	97	298	97	257		257	
May	322	-76	558	-40	340	-54	638	43	347		604	
June	612	2	1170	-38	625	-56	1263	-13	601		1205	
July	716	6	1886	-32	667	-37	1930	-50	671		1876	
August	649	-1	2535	-33	629	-31	2559	-81	632		2508	
September	440	-55	2975	-88	407	-60	2966	-141	399		2907	
October	226	-59	3201	-147	216	-45	3182	-186	195		3102	
November	80	0	3281	-147	85	-1	3267	-187	88		3190	
	Coshocton				Mansfield				Marion			
April	207	1	207	1	213	29	213	29	219		219	
May	291	-103	498	-102	294	-78	507	-49	295		514	
June	565	-31	1063	-133	589	2	1096	-47	589		1103	
July	646	-44	1709	-177	692	-12	1788	-59	685		1788	
August	597	-54	2306	-231	625	-39	2413	-98	627		2415	
September	384	-79	2690	-310	419	-52	2832	-150	412		2827	
October	171	-90	2861	-400	199	-67	3031	-217	185		3012	
November	79	-11	2940	-411	94	4	3125	-213	84		3096	
	Cincinnati				Dayton				Ripley			
April	343	94	343	94	286	80	286	80	298		298	
May	348	-90	691	4	292	-111	578	-31	334		632	
June	663	20	1354	24	648	27	1226	-4	625		1257	
July	760	7	2114	31	748	22	1974	18	699		1956	
August	706	-17	2820	14	698	7	2672	25	630		2586	
September	487	-44	3307	-30	428	-70	3100	-45	435		3021	
October	268	-42	3575	-72	216	-67	3316	-112	228		2349	
November	104	1	3679	-71	109	23	3425	-89	105		3354	
	S. Charleston				Caldwell				Jackson			
April	245		245		279	52	279	52	331	104	331	104
May	304		549		333	-70	612	-18	327	-89	658	15
June	595		1144		626	35	1238	17	628	32	1286	47
July	698		1842		683	-9	1921	8	702	-2	1988	45
August	620		2462		642	-22	2563	-14	640	-24	2628	21
September	387		2849		434	-54	2997	-68	462	-9	3090	12
October	190		3039		208	-80	3205	-148	249	-17	3339	-5
November	98		3137		93	-5	3298	-153	116	19	3455	14
	Zanesville				Huntington W. Va.				Parkersburg W. Va.			
April	265	65	265	65	416	142	416	142	340	83	340	83
May	327	-38	592	27	394	-71	810	71	382	-70	722	13
June	609	39	1201	66	681	34	1491	105	627	-16	1349	-3
July	684	34	1885	100	748	4	2239	109	702	-37	2051	-40
August	632	12	2517	112	710	2	2949	111	645	-63	2696	-103
September	439	-6	2956	106	529	2	3478	113	465	-58	3161	-161
October	215	-45	3171	61	289	25	3767	138	243	-67	3404	-228
November	95	5	3266	66	126	-1	3893	137	106	-14	3510	-242

1/Deviations from normal growing degree days (GDD) are derived using GDD over a 30 year period. These normals are updated each decade, and stations without deviations had less than 30 years of data during the period 1941-1970.

Planting progress: Corn, soybeans, oats, Ohio, 1980, 1981 and average 1976-80

Date	Corn			Soybeans			Oats		
	1981	1980	1976-80 average	1981	1980	1976-80 average	1981	1980	1976-80 average
	Percent								
Apr. 10							60	2	20
20		5	5				75	10	40
30	5	10	15				80	65	75
May 10	15	55	40		15	10	90	90	90
20	25	85	75	5	45	40	100	100	100
30	55	95	90	15	70	70			
Jun. 10	70	100	100	40	80	90			
20	80			55	95	95			
30	90			80	100	100			
Jul. 10				100					

Corn development: Ohio, 1980, 1981, 1976-80 average

Silked				Dough				Mature			
Date	1981	1980	1976-80 average	Date	1981	1980	1976-80 average	Date	1981	1980	1976-80 average
	Percent										
Jul. 10	5	5	5								
20	15	50	40								
30	45	80	75	Jul. 30	5	15	10				
Aug. 10	80	100	95	Aug. 10	15	40	35				
Aug. 20	95		100	Aug. 20	45	70	65				
								Aug. 30		10	10
								Sep. 10	10	30	30
								20	30	60	60
								30	50	90	80
								Oct. 10	70	100	95
								20	85		100
								30	100		

Planting progress: Winter wheat, Ohio, 1980, 1981 and average 1976-80

Date	Wheat harvest following year		
	1981	1980	1976-80 average
	Percent		
Sep. 20		5	5
30	20	20	25
Oct. 10	35	65	55
20	70	85	75
30	85	95	95
Nov. 10	95	100	100

Harvesting progress: Corn and soybeans, Ohio, 1980, 1981 and average 1976-80

Date	Corn			Soybeans		
	1981	1980	1976-80 average	1981	1980	1976-80 average
	Percent					
Sep. 20					5	5
30	5	15	10	5	20	15
Oct. 10	10	25	15	15	55	35
20	20	60	35	45	85	60
30	35	80	55	70	95	85
Nov. 10	60	95	75	85	100	95
20	80	100	90	95		
30	95		100			

Harvesting progress: Wheat, oats, Ohio, 1980, 1981 and average 1976-80

Date	Wheat			Oats		
	1981	1980	1976-80 average	1981	1980	1976-80 average
	Percent					
Jun. 30			5			
Jul. 10	35	5	25		5	
20	90	75	80	15	15	15
30	100	95	95	65	40	50
Aug. 10		100	100	100	80	90
20					90	100

Days favorable for field work: Ohio, 1980, 1981 and average 1976-80

Date	1981		1980		1976-80	
	7-day	Cumulative	7-day	Cumulative	7-day	Cumulative
			Number of days			
Mar. 30			0.8	0.8	2.0	2.0
Apr. 6	6.0	6.0	0.8	1.6	2.5	4.5
13	4.5	10.5	1.1	2.7	4.0	8.5
20	1.5	12.0	1.1	3.8	4.2	12.7
27	1.5	13.5	5.6	9.4	3.6	16.3
May 4	1.5	15.0	5.7	15.1	4.4	20.7
11	2.5	17.5	6.6	21.7	5.5	26.2
18	1.0	18.5	4.1	25.8	4.4	30.6
25	2.5	21.0	2.5	28.3	4.6	35.2
Jun. 1	3.5	24.5	5.2	33.5	4.7	39.9
8	3.0	27.5	1.6	35.1	4.6	44.5
15	2.0	29.5	4.3	39.4	5.3	49.8
22	2.5	32.0	4.7	44.1	4.9	54.7
29	3.5	35.5	6.4	50.5	5.1	59.8
Jul. 6	4.5	40.0	5.2	55.7	4.4	64.2
13	6.0	46.0	3.8	59.5	4.8	69.0
20	6.5	52.5	5.5	65.0	5.8	74.8
27	5.0	57.5	5.0	70.0	4.9	79.7
Aug. 3	4.5	62.0	4.4	74.4	4.8	84.5
10	5.5	67.5	4.0	78.4	4.0	88.5
17	6.0	73.5	2.5	80.9	4.9	93.4
24	6.5	80.0	1.3	82.2	4.2	97.6
31	7.0	87.0	5.8	88.0	5.0	102.6
Sep. 7	2.0	89.0	5.5	93.5	5.9	108.5
14	5.0	94.0	6.1	99.6	5.3	113.8
21	4.0	98.0	5.5	105.1	5.2	119.0
28	6.0	104.0	6.0	111.1	5.0	124.0
Oct. 5	5.5	109.5	6.3	117.4	4.8	128.8
12	5.5	115.0	6.7	124.1	4.7	133.5
19	6.5	121.5	6.6	130.7	5.1	138.6
26	5.5	127.0	6.4	137.1	5.2	143.8
Nov. 2	4.5	131.5	5.0	142.1	5.7	149.5
9	5.5	137.0	6.6	148.7	5.2	154.7
16	6.5	143.5				
23	5.5	149.0				

Marketings: Wheat, oats, corn, soybeans, percent of annual sales by months, Ohio, 1979-80, 1980-81

Month	Wheat		Oats		Month	Corn		Soybeans	
	1979-80	1980-81	1979-80	1980-81		1979-80	1980-81	1979-80	1980-81
	Percent					Percent			
Jul.	60	57	21	22	Sep.			4	14
Aug.	10	12	34	38	Oct.	8	26	25	36
Sep.	5	7	6	5	Nov.	12	19	8	7
Oct.	2	2	5	4	Dec.	7	9	4	3
Nov.	1	2	2	1	Jan.	8	12	7	9
Dec.	3	2	1	3	Feb.	7	5	5	4
Jan.	6	7	4	6	Mar.	7	7	5	7
Feb.	3	4	3	5	Apr.	9	5	8	5
Mar.	3	2	8	7	May	9	3	11	4
Apr.	2	2	5	4	Jun.	9	3	10	3
May	3	1	7	3	Jul.	7	3	6	4
Jun.	2	2	4	2	Aug.	8	4	7	4
					Sep.	9	4		

Consumption of commercial fertilizers, Ohio, 1978-81

Specified mixtures and materials	Year ending June 30			
	1978	1979	1980	1981
	Tons			
Mixed fertilizers, all	962,674	1,040,960	1,023,630	1,040,263
6-24-24	158,666	165,008	158,430	153,899
18-46-0	141,139	203,564	191,091	201,791
15-15-15	40,988	43,083	48,993	38,904
Anhydrous ammonia	125,537	149,959	161,287	172,204
Urea	133,542	139,912	152,276	141,693
Ammonium nitrate	14,575	13,828	15,436	17,201
Ammonium sulfate	15,783	14,343	18,086	21,341
Nitrogen solutions	271,976	306,227	376,701	449,249
Superphosphates	82,180	100,328	117,763	93,513
Potassium chloride	335,598	430,408	466,105	458,348
Organics	13,251	11,852	14,704	10,999
Total all fertilizers	1,970,945	2,229,229	2,367,710	2,424,607
	Percent			
Dry bagged	13	13	12	11
Dry bulk	56	57	56	53
Fluid	31	30	32	36

Fertilizer use on corn and wheat acreage harvested for frain and soybeans for beans, Ohio, 1981 1/

Crop	Fields in survey	Any fertilizer	Acres receiving			Rate per acre receiving			Acres fertilized		
			N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or before seeding	After seeding	At or before and after seeding
	Number		Percent			Pounds			Percent		
Corn	139	100.0	99.3	97.8	97.1	159.2	79.6	113.6	70.5	0.7	28.8
Soybeans	110	47.3	28.2	39.1	47.3	13.8	53.8	88.8	94.2	1.9	3.9
Wheat	79	100.0	100.0	96.2	94.9	74.3	62.2	67.1	12.6	8.9	78.5

1/Based on 1981 Objective Yield Surveys. Published in Fertilizer Outlook & Situation, Dec. 1981.

Average prices paid by farmers per ton for selected commercial fertilizers in North Central States 1/

Selected fertilizer	Mar. 15, 1981	May 15, 1981	Oct. 15, 1981	Dec. 15, 1981	Mar. 15, 1982
	Dollars per ton				
5-20-20	186	186	170	173	174
6-24-24	221	226	214	213	217
8-32-16	244	250	230	228	237
10-34-0	280	279	269	260	263
12-12-12	174	182	176	180	182
15-15-15	203	209	197	195	199
18-46-0	285	283	257	255	263
Ammonium nitrate	179	184	186	185	187
Urea 45-46%	233	243	242	243	237
Anhydrous ammonia	245	246	249	245	253
Nitrogen solution 28%	137	140	137	135	140
Superphosphate 44-46%	245	249	225	226	227
Muriate of potash 60% K_2O	151	154	154	152	154

1/Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio and Wisconsin.

OHIO COMMERCIAL FLORICULTURE

The wholesale value of Ohio's floriculture industry totaled $87 million in 1981. This was a 15 percent increase from a year earlier when $76 million worth of floriculture crops were produced. The 1981 wholesale value included selected cut flowers, potted plants, bedding plants, hanging baskets, and foliage plants from 438 producers whose 1981 gross sales were $10,000 or greater.

California or Florida generally far surpasses most other States in the production of most floriculture crops, but Ohio made a high ranking in several items; notably, first in potted geranium production, second in vegetable bedding plants and snapdragons, and third in flowering bedding plants.

The 10 leading Ohio counties in floriculture production ranked according to gross wholesale sales were: Lorain ($15.3 million), Cuyahoga ($9.2 million), Lucas ($7.2 million), Ashtabula ($7.2 million), Hamilton ($6.4 million), Franklin ($5.6 million), Fulton ($4.2 million), Stark ($3.1 million), Clark ($3.0 million), Lake ($2.4 million). Other counties with over $1 million in sales included Miami, Montgomery, Summit, Columbiana, Tuscarawas and Medina. Greenhouse production in Ohio is concentrated around the population centers of Cleveland, Akron, Canton, Youngstown, Toledo, Columbus, Dayton, Springfield and Cincinnati.

COMMERCIAL FLORICULTURE: Number of growers with gross sales of $10,000 or over, area in production, quantity produced, quantity sold, percent wholesale, average price per unit and value of total sales at wholesale, Ohio, 1980 and 1981.

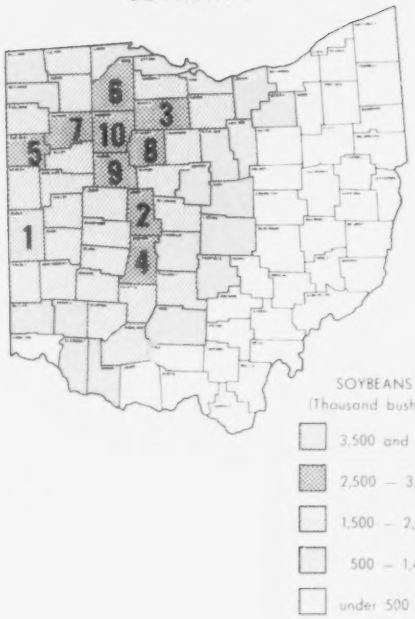
Crop	Number of producers		Average gross area used to produce crop 1,000 sq. feet		Gross area intended	Unit	Total quantity sold (wholesale and retail) 1,000 units		Percent of sales sold wholesale		Wholesale price Dollars		Value of sales at wholesale Thou. dol.	
	1980	1981	1980	1981	1982		1980	1981	1980	1981	1980	1981	1980	1981
Carnations														
Standard	39	36	117	110	102	Blooms	1,726	1,384	49	48	.200	.203	345	281
Miniature	20	18	17	28	21	Bunches	44	67	73	73	2.46	2.86	108	192
Roses														
Hybrid Tea	14	18	906	840	827	Blooms	11,425	12,275	99	96	.345	.348	3,942	4,272
Miniature or sweetheart	13	13	202	183	187	Blooms	4,450	4,449	100	97	.189	.205	841	912
Chrysanthemums														
Standard	121	103	810	563	532	Blooms	4,631	3,750	70	72	.467	.483	2,163	1,811
Pompon	118	100	529	481	497	Bunches	671	558	47	59	1.90	1.78	1,275	993
Snapdragons	60	62	144	155	174	Stems	765	967	34	40	.320	.299	245	289
Other cut flowers	55	56	516	824	828	-	1,534	2,335	78	90	.456	.440	704	1,028
Potted plants														
Chrysanthemums	182	174	1,532	1,387	1,334	Pots	2,077	2,057	89	91	2.44	2.71	5,068	5,574
Poinsettias	248	235	2,712	2,774	2,880	Pots	1,948	2,150	85	85	2.97	3.00	5,786	6,450
Lilies	158	150	426	470	455	Pots	537	531	91	89	2.86	3.18	1,536	1,689
Hydrangeas 1/														
Geraniums	348	328	3,221	2,699	2,800	Pots	10,220	8,644	83	78	.60	.81	6,132	7,002
Other potted plants 2/	194	196	1,500	1,429	1,439	Pots	4,349	3,661	78	78	1.27	1.67	5,515	6,114
Cuttings 2/	63	65	-	-	-	-	44,429	50,850	98	99	.116	.168	5,170	8,543
Bedding plants														
Flowering	337	325	6,328	6,002	6,063	Flats	3,300	3,259	82	78	4.11	4.68	13,563	15,252
Vegetable	325	303	2,661	2,793	2,749	Flats	1,375	1,456	77	77	4.21	4.48	5,789	6,523
Hanging baskets 2/	278	440	-	-	1,494 3/		1,028	1,474	83	83	4.13	4.34	4,261	6,399
Foliage plants	145	125	1,681	1,591	1,627	-	-	-	90	86	-	-	13,178	13,988 4/
TOTAL	439	438	18,424 5/	19,783 5/	-		-	-	-	-	-	-	75,621	87,312

1/Not published to avoid disclosing individual operations. Included with other potted plants. 2/Includes some producers with less than $10,000 gross sales. 3/1982 intentions for hanging baskets are reported in number of baskets not as gross area intended. 4/Gross value of sales less cost of plant materials purchased from other growers for growing on. 5/Total area under plastic and glass.

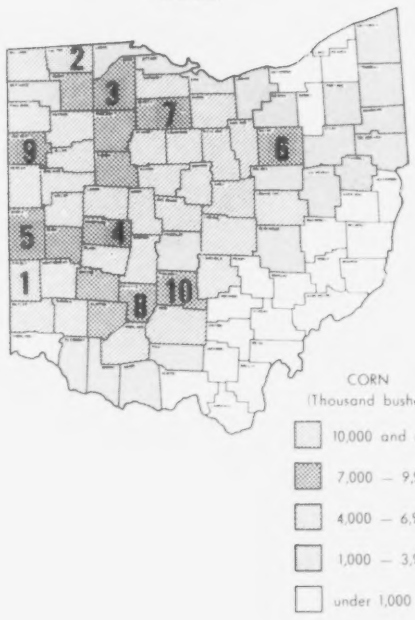
DISTRIBUTION OF CROP PRODUCTION BY COUNTY, 1981

RANK OF FIRST TEN COUNTIES

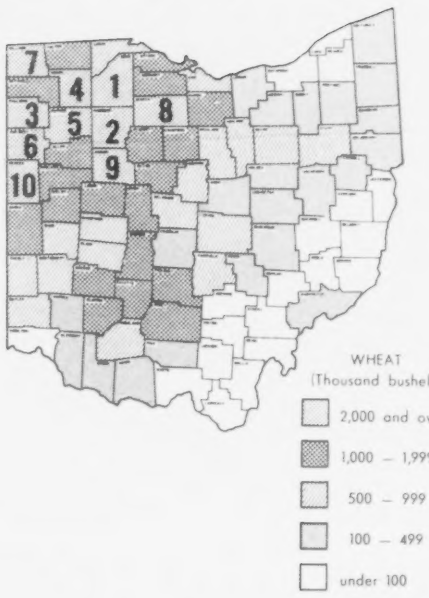
SOYBEANS



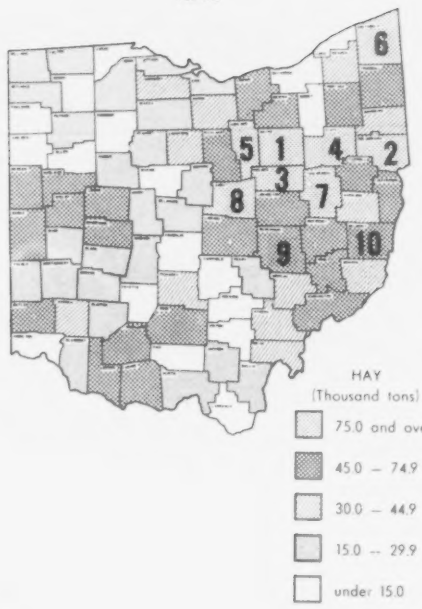
CORN



WHEAT



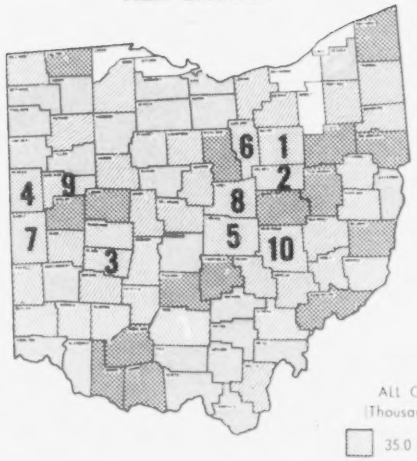
HAY



LIVESTOCK NUMBERS, JANUARY 1, 1982

RANK OF FIRST TEN COUNTIES

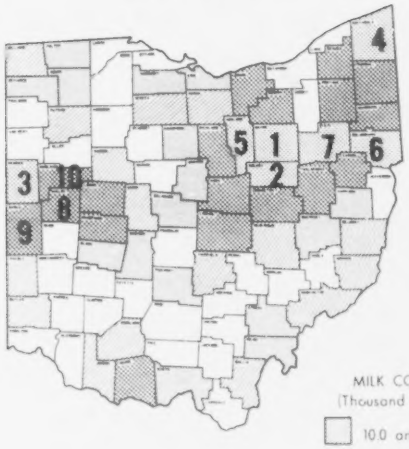
ALL CATTLE



ALL CATTLE
(Thousand head)

- 35.0 and over
- 25.0 – 34.9
- 15.0 – 24.9
- 5.0 – 14.9
- under 5.0

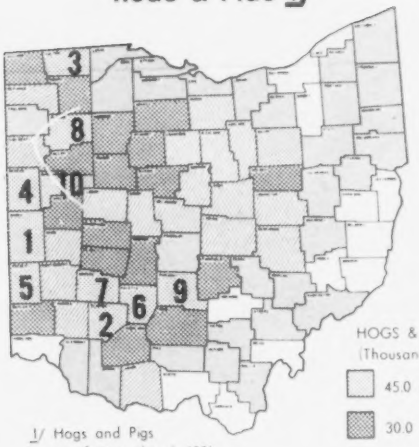
MILK COWS



MILK COWS
(Thousand head)

- 10.0 and over
- 5.0 – 9.9
- 3.0 – 4.9
- 2.0 – 2.9
- under 2.0

HOGS & PIGS 1/

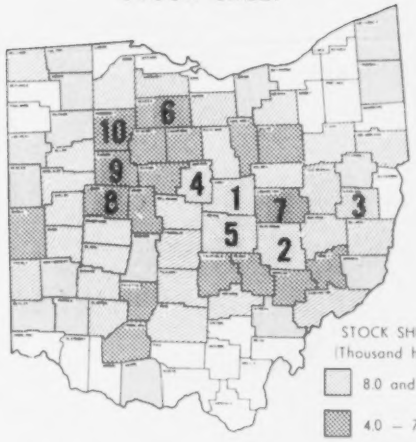


1/ Hogs and Pigs
as of December 1, 1981

HOGS & PIGS 1/
(Thousand head)

- 45.0 and over
- 30.0 – 44.9
- 15.0 – 29.9
- 3.0 – 14.9
- under 3.0

STOCK SHEEP



STOCK SHEEP
(Thousand head)

- 8.0 and over
- 4.0 – 7.9
- 2.0 – 3.9
- 1.0 – 1.9
- under 1.0

1981 LIVESTOCK, DAIRY AND POULTRY REVIEW

In 1981, Ohio's livestock and poultry producers received lower prices for cattle and sheep, but higher prices for hogs, milk and eggs. Cattle, sheep and chicken inventories showed increases by year's end while hog numbers declined. Combined cash receipts from the sale of hogs, cattle and sheep were 3 percent below 1980.

Cattle and calves on Ohio farms January 1, 1982, totaled 1,900,000 head, 5 percent above a year earlier and the largest inventory since January 1978. Although all classes were above last year except for animals primarily being held for feeders, the increase is largely attributed to a 17 percent increase in the number of calves under 500 pounds on hand January 1982. Gross income from cattle was off 14 percent from 1980, due to fewer marketings and lower prices. Marketings declined 6 percent to 645.4 million pounds. Cattle prices averaged $52 per cwt. for the year, nearly $10 below the record high prices received during 1979. Cattle on feed, at 125,000 head on January 1, 1982, was 22 percent below a year earlier and the lowest January level in 31 years.

Milk cow inventories increased 2 percent over the January 1981 level and, at 382,000 head, were the largest January count in 4 years. Total milk production increased for the second consecutive year to nearly 4.4 billion pounds, a 2 percent increase over 1980. Production per cow advanced 46 pounds to a new record 11,539 pounds. Dairy farmers in Wayne County produced 10 percent of the State's total milk supply.

On December 1, 1981, Ohio producers had 2,050,000 hogs and pigs on their farms, down 5 percent from a year earlier and the lowest inventory in 4 years. Breeding stock accounted for 13 percent of the total, but showed a 2 percent increase over December 1980 numbers. Ohio's ranking moved from 9th to 7th among all States in hog numbers following inventory declines in major southeastern States. Darke County, with 106,000 hogs, again reported the largest number of hogs and pigs. Marketings during 1981 dropped off 1 percent to 683.3 million pounds. Prices received, advancing $6.50 per cwt. over 1980, pushed cash receipts up 15 percent to $305 million.

The January 1 inventory of all sheep and lambs was 313,000 head, a slight increase over the previous year's count. All of the increase was reflected in sheep on feed as stock sheep and lambs equaled the record low numbers a year earlier. Ohio is the leading sheep producing State east of the Mississippi River and Nationwide ranked 14th. Knox County is Ohio's leader in sheep inventory. Reversing a 25 year decline in production, Ohio wool producers increased output by 2 percent due to an increase in the number of sheep shorn.

Ohio produced egg sales increased 4 percent to 2.4 billion eggs in 1981, the most since 1964. With a record high price of 58 cents per dozen, cash receipts reached $116.7 million. The previous high cash receipts generated from egg sales was $97.6 million for 1979. Turkey production increased 9 percent to 54.8 million pounds, but was more than one-fourth less than production a decade ago. Broiler production of 51.2 million pounds was the lowest in 7 years. Lower prices helped push gross income from broiler sales down 14 percent.

Unfavorably wet weather in May and June followed by extremely dry conditions in July was devastating to the State's 1981 honey crop. Poor yields per colony left a crop of about 1.9 million pounds, nearly one-fourth less than the previous year and the smallest output in 14 years. Supplemental feeding was provided to many colonies during the fall of 1981.

Operations with cattle and milk cows, Ohio, 1977-81

Year	All farms	Operations with	
		All cattle	Milk cows
1977	97,000	58,000	13,600
1978	96,000	54,000	13,200
1979	96,000	51,000	13,000
1980	95,000	49,000	12,600
1981	94,000	48,000	12,300

Cattle and calves: On farms January 1, Ohio, 1981-82

Species	1981	1982	Percent change 82/81
	Thousand head		Percent
All cattle and calves	1,815	1,900	105
Cows and heifers that have calved	760	770	101
Beef	385	388	101
Milk	375	382	102
Heifers 500 pounds and over	319	320	100
Beef replacement	54	55	102
Milk replacement	181	185	102
Other	84	80	95
Steers 500 pounds and over	254	250	98
Bulls 500 pounds and over	37	40	108
Heifers, steers, bulls under 500 pounds	445	520	117

Cattle and calves: Inventory and disposition, Ohio, 1980-82

Year	On hand January 1	Calves born	Inshipments	Marketings		Slaughter	Deaths	
				Cattle	Calves		Cattle	Calves
	Thousand head							
1980	1,825	720	165	642	144	9	30	70
1981	1,815	710	175	605	103	7	30	55
1982	1,900							

Cattle and calves: Production and income, Ohio, 1979-81

Year	Production	Marketings	Average price per 100 lbs.		Cash receipts	Value of home consumption	Gross income
			Cattle	Calves			
	Thousand pounds		Dollars		Thousand dollars		
1979	592,000	599,110	61.90	85.70	375,338	21,682	397,020
1980	592,915	686,690	56.40	72.30	391,411	19,619	411,030
1981	600,650	645,350	52.00	56.50	336,698	16,945	353,643

Cattle: On feed, and marketings, by quarters, Ohio, 1979-82

Year	Inventory				Quarterly marketings			
	Jan. 1	Apr. 1	Jul. 1	Oct. 1	Jan.-Mar.	Apr.-Jun.	Jul.-Sep.	Oct.-Dec.
	Thousand head							
1979	225	195	150	125	76	82	81	61
1980	180	165	125	120	52	73	63	56
1981	160	150	110	97	49	66	70	50
1982	125	1/			1/			

1/Estimates discontinued.

All cattle and milk cows: On farms, January 1, 1981-82, all milk sold to plants and dealers, Ohio, 1980-81

County & District	All cattle and calves		Milk cows and heifers that have calved		Milk sold (Mil. lbs.)	
	January 1, 1981	January 1, 1982	January 1, 1981	January 1, 1982	1980	1981
Allen	12,500	13,200	1,800	1,800	20.7	21.4
Defiance	12,000	12,900	2,800	2,800	27.2	25.1
Fulton	34,900	34,300	2,800	2,900	31.9	35.0
Hancock	10,100	11,000	1,700	1,500	14.8	14.1
Henry	13,500	14,300	2,000	2,100	17.6	18.8
Lucas	2,000	1,900	*	*	*	*
Paulding	5,900	6,300	*	*	*	*
Putnam	13,500	15,400	3,100	3,300	39.1	40.9
Van Wert	6,400	6,800	1,500	1,400	15.2	17.2
Williams	21,000	23,200	3,300	3,300	41.6	41.4
Wood	15,200	15,700	1,000	*	12.0	*
District 1	147,000	155,000	20,900	21,100	228.5	234.1
Ashland	37,900	40,900	12,500	12,600	143.2	145.3
Crawford	17,600	17,800	2,400	2,400	30.3	29.3
Erie	6,000	6,700	2,300	2,500	17.3	23.3
Huron	12,500	12,900	4,500	4,600	56.7	57.2
Lorain	14,900	15,900	6,100	6,200	74.0	75.6
Ottawa	2,800	3,300	*	*	*	*
Richland	24,000	25,600	5,200	5,700	51.9	67.5
Sandusky	12,600	12,800	2,500	2,500	28.4	25.7
Seneca	14,500	14,100	4,200	4,300	43.0	44.0
Wyandot	8,200	9,000	1,600	1,500	16.3	15.8
District 2	151,000	159,000	42,000	43,100	466.6	489.4
Ashtabula	31,500	33,000	13,500	13,900	140.5	146.3
Columbiana	32,000	33,400	12,000	12,300	129.2	133.2
Cuyahoga	*	*	*	*	*	*
Geauga	12,100	12,400	5,100	5,200	55.8	55.8
Lake	1,100	1,200	*	*	*	*
Mahoning	16,100	17,500	5,800	5,900	56.3	58.9
Medina	23,000	24,000	8,800	9,000	95.5	98.5
Portage	14,900	15,200	5,200	5,000	62.2	57.9
Stark	33,000	34,000	12,200	11,500	167.4	158.9
Summit	2,400	2,600	*	*	*	*
Trumbull	17,500	18,700	6,600	6,800	74.1	76.4
Wayne	81,000	82,700	33,100	33,300	437.4	442.5
District 3	265,000	275,000	103,000	103,600	1,224.9	1,235.2
Auglaize	36,200	36,700	9,200	9,500	117.0	121.2
Champaign	34,000	35,000	7,400	7,600	77.0	79.8
Clark	49,000	52,700	2,400	2,500	16.8	18.1
Darke	37,800	39,000	9,400	9,800	117.8	123.2
Hardin	19,500	20,000	3,300	3,400	30.9	31.6
Logan	30,000	32,400	7,400	7,800	99.5	105.2
Mercer	48,200	49,000	15,500	15,900	218.3	226.8
Miami	21,300	21,800	1,700	1,800	23.9	24.7
Shelby	30,000	30,400	9,600	9,900	122.8	128.0
District 4	306,000	317,000	65,900	68,200	824.0	858.6
Delaware	14,400	15,400	2,300	2,300	24.4	22.7
Fairfield	30,500	31,500	4,200	4,000	54.2	51.1
Fayette	16,900	16,600	*	*	*	*
Franklin	7,000	7,200	1,500	1,300	18.7	16.7
Knox	36,900	38,000	8,300	8,800	87.1	93.1
Licking	42,700	43,000	6,000	6,000	68.7	69.3
Madison	23,800	24,800	2,400	2,500	22.4	22.6
Marion	14,200	13,900	1,300	1,400	12.6	13.2
Morrow	18,000	18,300	2,900	2,900	24.7	23.6
Pickaway	25,000	27,800	2,000	2,100	14.8	15.5
Ross	22,600	24,800	1,800	1,700	21.1	19.2
Union	22,000	22,700	4,700	4,400	50.9	48.0
District 5	274,000	284,000	38,200	38,300	403.9	399.7

All cattle and milk cows: On farms, January 1, 1981-82, all milk sold to plants and dealers, Ohio, 1980-81

County & District	All cattle and calves		Milk cows and heifers that have calved		Milk sold (Mil. lbs.)	
	January 1, 1981	January 1, 1982	January 1, 1981	January 1, 1982	1980	1981
Belmont	22,500	26,500	3,500	3,600	29.4	31.8
Carroll	22,400	24,400	6,800	7,000	50.6	52.4
Coshocton	32,100	34,400	5,200	5,500	45.7	50.2
Harrison	18,500	18,400	2,500	2,500	30.0	29.4
Holmes	50,300	54,000	21,300	23,100	201.8	222.0
Jefferson	10,500	10,900	1,700	1,600	21.3	20.4
Tuscarawas	32,700	34,400	9,300	9,100	140.6	136.3
District 6	189,000	203,000	50,300	52,400	519.4	542.5
Butler	25,000	24,400	4,400	4,200	46.4	43.2
Clermont	12,400	12,600	*	*	*	*
Clinton	21,000	20,900	1,600	1,500	17.6	17.1
Greene	19,500	19,200	1,500	1,400	17.5	16.3
Hamilton	5,600	5,700	*	*	*	*
Montgomery	14,000	14,500	1,700	1,500	22.2	19.1
Preble	23,500	24,800	3,500	3,600	41.3	43.0
Warren	17,000	16,900	1,800	1,900	15.6	16.8
District 7	138,000	139,000	16,100	15,800	178.6	175.1
Adams	31,500	33,300	5,100	5,300	42.3	44.9
Brown	24,300	26,400	3,300	3,400	26.3	27.3
Gallia	20,600	22,500	3,100	3,000	33.4	31.0
Highland	30,000	31,600	3,300	3,400	33.7	34.0
Jackson	13,100	13,900	*	*	*	*
Lawrence	9,700	11,000	1,100	1,000	9.0	8.2
Pike	11,500	13,100	*	*	*	*
Scioto	13,300	13,200	2,000	2,000	23.6	22.5
District 8	154,000	165,000	19,400	19,500	183.1	181.4
Athens	14,500	15,900	1,800	2,000	20.0	21.5
Guernsey	21,500	21,300	2,000	2,200	20.0	21.4
Hocking	6,400	7,200	*	*	*	*
Meigs	13,000	14,000	2,400	2,400	21.6	20.9
Monroe	19,000	20,300	3,000	3,200	25.7	26.9
Morgan	18,800	20,100	1,400	1,600	13.0	14.6
Muskingum	33,100	35,100	3,000	3,100	35.5	34.7
Noble	17,200	18,600	*	*	*	*
Perry	15,000	15,900	1,300	1,300	13.9	13.6
Vinton	5,500	6,300	*	*	*	*
Washington	27,000	28,300	3,100	3,100	33.4	33.4
District 9	191,000	203,000	19,200	20,000	191.0	194.0
STATE	1,815,000	1,900,000	375,000	382,000	4,220.0	4,310.0

*Counties with less than 1,000 head not published.

All cattle and calves: Inventory and value, January 1, 1980-82

Inventory			Value per head			Total value		
1980	1981	1982	1980	1981	1982	1980	1981	1982
Thousand head			Dollars			Million dollars		
1,825	1,815	1,900	580	555	475	1,058.5	1,007.3	902.5

All cattle and calves: Percent of operations and inventory by size groups, Ohio, 1980-81

Item	Size of operation							
	1-49		50-99		100-499		500+	
	1980	1981	1980	1981	1980	1981	1980	1981
	Percent							
Operations	81.6	81.0	11.2	11.5	7.2	7.5	1/	1/
Inventory	36.9	41.8	22.3	20.3	36.2	33.2	4.6	4.7

1/Combined with 100-499 size group to avoid disclosing individual operations.

Milk: Cows on farms, milk per cow, milk production, milkfat by months, Ohio, 1980-81

Month	Cows on farm		Milk per cow		Milk production		Milkfat-all milk	
	1980	1981	1980	1981	1980	1981	1980	1981
	Thousands		Pounds		Million pounds		Percent	
Jan.	374	377	930	935	348	352	3.80	3.86
Feb.	375	377	890	870	334	328	3.82	3.81
Mar.	376	379	975	985	367	373	3.79	3.76
Apr.	376	380	990	1,000	372	380	3.72	3.69
May	376	381	1,070	1,080	402	411	3.61	3.62
Jun.	375	380	1,035	1,020	388	388	3.55	3.55
Jul.	374	380	1,010	995	378	378	3.50	3.48
Aug.	373	380	965	975	360	371	3.51	3.50
Sep.	373	380	920	930	343	353	3.56	3.61
Oct.	374	380	925	940	346	357	3.73	3.72
Nov.	374	381	880	890	329	339	3.84	3.77
Dec.	375	382	915	930	343	355	3.85	3.82
Annual	375	380	11,493	11,539	4,310	4,385	3.69	3.68

Milk production, Ohio, 1979-81

Year	Milk used where produced			Milk marketed by producers				Total milk produced
	Fed to calves	Used for milk, cream and butter	Total	Sold to plants & dealers: As whole milk	Sold to plants & dealers: As separated cream	Sold directly to consumers 1/	Total marketed	
	Million pounds							
1979	40	40	80	4,170	-	15	4,185	4,265
1980	40	35	75	4,220	-	15	4,235	4,310
1981	34	27	61	4,310	-	14	4,324	4,385

1/Includes institutional herds.

Milk: Quantity marketed, price, cash receipts and value, Ohio, 1980-81

Year	Combined marketings milk & cream		Cash receipts from marketings	Used for milk, cream & butter where produced		Gross producer income	Value of milk produced
	Milk utilized	Price per 100 lbs.		Milk utilized	Value		
	Mil. lbs.	Dollars	1,000 dol.	Mil. lbs.	1,000 dol.	1,000 dol.	1,000 dol.
1980	4,235	13.05	552,577	35	4,568	557,145	562,455
1981	4,324	13.84	598,557	27	3,737	602,294	606,884

Milk cows: Percent of operations and inventory by size groups, Ohio, 1980-81

Item	Size of operation							
	1-29		30-49		50-99		100+	
	1980	1981	1980	1981	1980	1981	1980	1981
	Percent							
Operations	64.0	63.2	19.3	19.3	14.5	15.0	2.2	2.5
Inventory	29.2	27.5	26.0	26.0	34.0	34.8	10.8	11.7

MANUFACTURED DAIRY PRODUCTS: Production by months, Ohio, 1980-81

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
						American cheese - thousand pounds							
1980	2,698	2,428	2,719	2,982	4,129	3,758	3,358	2,969	2,686	2,328	1,901	3,155	35,111
1981	2,959	3,323	3,759	4,581	4,800	4,293	3,316	3,318	2,730	2,955	2,628	3,854	42,516
						Swiss cheese - thousand pounds							
1980	2,688	2,659	3,014	3,208	3,801	3,464	3,418	3,297	3,154	3,171	2,772	2,616	37,262
1981	2,650	2,366	2,836	2,893	3,681	3,257	3,251	3,120	2,816	2,844	2,793	3,055	35,562
						All cheese - thousand pounds							
1980	6,984	6,769	7,873	7,747	9,626	9,263	8,338	7,898	7,855	7,884	6,945	7,984	95,166
1981	7,078	7,330	8,836	9,233	9,909	9,387	7,947	7,833	6,913	7,038	6,689	8,307	96,500
						Butter - thousand pounds							
1980	3,011	2,708	1,873	1,515	2,702	2,365	1,780	1,219	1,924	2,753	2,176	3,002	27,028
1981	3,469	3,159	3,108	3,620	3,603	2,584	1,732	1,362	2,294	3,057	2,538	2,825	33,351
						Cottage cheese, curd - thousand pounds							
1980	4,229	4,584	4,601	4,477	3,339	3,883	4,458	4,294	4,413	4,325	3,389	3,399	49,391
1981	3,534	3,712	4,515	4,365	3,925	4,286	4,286	3,882	4,013	3,983	3,804	3,565	47,870
						Cottage cheese, lowfat - Thousand pounds							
1980	1,122	1,379	1,207	1,359	1,437	1,279	1,323	1,284	1,235	1,398	861	807	14,691
1981	1,057	1,210	1,293	1,253	1,385	1,372	1,314	1,160	1,228	1,739	1,333	857	15,201
						Cottage cheese, creamed - thousand pounds							
1980	5,791	6,018	5,728	5,380	5,627	4,735	5,502	5,396	5,469	5,221	4,272	4,048	63,187
1981	4,508	4,573	5,674	5,315	4,654	5,269	5,303	4,862	5,032	4,876	4,469	4,387	58,922
						Ice cream mix - thousand gallons							
1980	1,777	1,855	1,988	1,986	1,927	2,424	2,421	2,433	2,367	1,900	1,383	1,592	24,053
1981	1,473	1,678	2,103	2,010	1,982	2,483	2,514	2,201	2,149	1,734	1,543	1,624	23,494
						Ice milk mix - thousand gallons							
1980	737	736	1,065	1,386	1,674	1,730	1,937	1,531	1,328	1,040	705	723	14,592
1981	619	772	1,203	1,468	1,566	1,897	1,970	1,635	1,216	943	761	660	14,710
						Milk sherbet mix - thousand gallons							
1980	136	140	153	169	166	206	250	205	171	175	79	136	1,986
1981	111	114	178	196	190	213	256	203	160	123	109	120	1,973
						Ice cream - thousand gallons							
1980	3,636	3,621	4,163	4,063	3,974	4,900	4,838	4,781	4,628	3,956	3,192	3,268	49,020
1981	2,870	3,305	4,183	3,950	4,029	4,876	4,975	4,483	4,221	3,412	3,052	3,394	46,750
						Ice milk - thousand gallons							
1980	1,225	1,158	1,663	2,103	2,473	2,667	2,889	2,302	2,067	1,588	1,086	1,138	22,359
1981	952	1,207	1,891	2,240	2,291	2,801	2,874	2,396	1,830	1,378	1,163	1,021	22,044
						Milk sherbet - thousand gallons							
1980	207	201	256	233	240	344	349	297	265	207	131	239	2,969
1981	157	168	280	306	287	324	402	317	249	190	163	207	3,050
						Water ices - thousand gallons							
1980	96	107	131	163	291	332	353	250	130	106	73	48	2,080
1981	96	210	272	199	264	366	393	224	134	58	45	63	2,324

All hogs and pigs: Quarterly inventory, by classes, Ohio, 1981-82

Year and quarter	Total hogs	Breeding hogs	Market hogs and pigs				
			Under 60 lbs.	60-119 lbs.	120-179 lbs.	180 lbs. and over	Total
	Thousand head						
1981							
Mar. 1	1,925	261	623	384	354	303	1,664
Jun. 1	1,800	245	700	406	247	202	1,555
Sep. 1	1,750	238	605	370	310	227	1,512
Dec. 1	2,050	270	680	445	380	275	1,780
1982							
Mar. 1	1,800	250	630	385	300	235	1,550

Hogs: Inventory number, pig crop, and disposition, Ohio, 1979-82

Year	December 1 inventory 1/	Pig crop		Inshipments	Marketings 2/	Farm 3/ slaughter	Deaths
		Dec.-May	Jun.-Nov.				
	Thousand head						
1979	2,160	1,580	1,789	254	3,344	19	300
1980	2,120	1,533	1,646	234	3,045	18	320
1981	2,150	1,451	1,523	204	2,941	17	320
1982	2,050						

1/December 1 previous year. 2/Excludes interfarm sales. 3/Excludes custom slaughter for farmers at commercial establishments.

Hogs: Production and income, Ohio, 1979-81

Year	Production	Marketings	Price per cwt.	Cash receipts	Value of home consumption	Gross income
	Thousand pounds		Dollars	Thousand dollars		
1979	783,080	778,181	43.00	334,890	4,549	339,439
1980	692,279	692,895	38.10	264,138	4,115	268,253
1981	668,813	683,327	44.60	305,044	3,548	308,592

Sow farrowings, pigs per litter, and pig crop, Ohio, 1980-81

Year	December-May pig crop 1/			June-November pig crop		
	Sows farrowing	Pigs/litter	Pig crop	Sows farrowing	Pigs/litter	Pig crop
	Thou. head	Head	Thou. head	Thou. head	Head	Thou. head
1980	210	7.30	1,533	218	7.55	1,646
1981	192	7.56	1,451	198	7.69	1,523

1/December 1, previous year.

Hogs and pigs: Percent of operations and inventory by size groups, Ohio, 1980-81

Item	Size of operation					
	1-99		100-499		500+	
	1980	1981	1980	1981	1980	1981
	Percent					
Operations	77.0	78.0	19.5	18.5	3.5	3.5
Inventory	18.0	16.0	47.0	41.0	35.0	43.0

Sheep and lambs, January 1, Ohio, 1980-82

Year	Total	Sheep on feed	Stock sheep & lambs	Lambs		One year and older		New crop lambs 1/
				Ewes	Wethers & rams	Ewes	Wethers & rams	
	Thousand head							
1980	320	55	265	34	9	215	7	12
1981	310	50	260	33	8	212	7	11
1982	313	53	260	36	9	207	8	12

1/Not included in total inventory.

Sheep: Inventory and disposition, Ohio, 1980-82

Year	Inventory January 1	Lamb crop	Inshipments	Marketings		Farm slaughter	Deaths	
				Sheep	Lambs		Sheep	Lambs
	Thousand head							
1980	320	253	4	32	185	2	16	32
1981	310	255	4	29	173	2	16	36
1982	313							

Sheep: Production and income, Ohio, 1979-81

Year	Production	Marketings	Average price per cwt.		Cash receipts	Value of home consumption	Gross income
			Sheep	Lambs			
	Thousand pounds		Dollars		Thousand dollars		
1979	20,954	25,347	27.50	65.30	14,126	142	14,268
1980	20,986	22,087	25.30	62.60	12,463	135	12,598
1981	19,514	19,538	22.40	53.00	9,386	114	9,500

Wool: Production and value, Ohio, 1979-81

Year	Sheep shorn	Weight per fleece	Production	Price per pound	Value
	Thousand head	Pounds	Thousand pounds	Cents	Thousand dollars
1979	345	7.4	2,552	72	1,837
1980	313	7.3	2,290	75	1,718
1981	321	7.2	2,325	72	1,674

Hogs and pigs: Number on farms, Ohio, December 1, 1980-81;
Stock sheep: Number on farms, Ohio, January 1, 1981-82

County & District	Hogs and pigs		Stock sheep	
	December 1, 1980	December 1, 1981	January 1, 1981	January 1, 1982
Allen	35,000	31,000	2,500	2,300
Defiance	24,600	25,500	*	*
Fulton	94,700	93,000	1,400	1,300
Hancock	37,800	35,000	5,700	6,600
Henry	33,900	33,000	1,100	1,400
Lucas	12,500	12,000	*	*
Paulding	12,900	12,000	*	*
Putnam	68,200	59,400	1,500	1,700
Van Wert	25,500	26,500	1,300	1,000
Williams	41,700	39,500	2,800	3,000
Wood	13,200	13,100	2,300	2,000
District 1	400,000	380,000	19,900	20,600
Ashland	22,000	19,000	6,100	6,500
Crawford	32,000	28,000	5,600	5,300
Erie	5,000	4,900	1,200	*
Huron	20,000	17,500	2,700	2,900
Lorain	6,600	6,800	1,400	1,800
Ottawa	4,300	3,800	*	*
Richland	16,400	16,000	3,200	2,900
Sandusky	15,000	14,000	2,200	2,000
Seneca	34,700	35,000	6,400	7,800
Wyandot	29,000	30,000	5,400	5,400
District 2	185,000	175,000	34,500	35,600
Ashtabula	10,500	9,500	1,000	1,000
Columbiana	9,000	7,500	2,500	2,200
Cuyahoga	*	*	*	*
Geauga	5,000	4,500	*	*
Lake	*	*	*	*
Mahoning	5,800	5,600	*	*
Medina	13,200	10,800	2,600	2,900
Portage	3,800	3,800	*	*
Stark	13,400	13,500	2,100	2,100
Summit	1,100	*	*	*
Trumbull	3,500	3,000	*	1,000
Wayne	52,100	50,500	4,700	4,700
District 3	118,000	110,000	16,600	16,700
Auglaize	52,000	52,000	4,000	3,600
Champaign	33,200	32,000	4,100	3,400
Clark	31,500	31,000	2,400	2,400
Darke	105,000	106,000	4,900	4,700
Hardin	41,800	38,000	6,300	6,700
Logan	26,600	26,000	7,900	6,800
Mercer	93,000	85,000	2,000	1,900
Miami	34,400	29,000	3,200	3,100
Shelby	47,500	41,000	3,400	3,500
District 4	465,000	440,000	38,200	36,100
Delaware	15,300	17,000	4,500	3,600
Fairfield	34,000	32,500	5,800	4,900
Fayette	65,500	66,000	4,600	4,500
Franklin	9,000	7,500	3,000	2,900
Knox	30,000	27,000	15,300	14,400
Licking	23,500	21,500	8,000	8,400
Madison	50,200	43,500	1,700	1,700
Marion	33,800	33,000	5,700	5,600
Morrow	20,300	18,000	8,500	8,500
Pickaway	56,400	58,000	2,200	2,200
Ross	39,000	42,000	2,100	2,000
Union	33,000	29,000	5,200	5,700
District 5	410,000	395,000	66,600	64,400

Hogs and pigs: Number on farms, Ohio, December 1, 1980-81;
Stock sheep: Number on farms, Ohio, January 1, 1981-82

County & District	Hogs and pigs		Stock sheep	
	December 1, 1980	December 1, 1981	January 1, 1981	January 1, 1982
Belmont	*	*	2,600	2,400
Carroll	4,200	4,300	1,800	1,800
Coshocton	26,300	27,500	7,300	7,000
Harrison	1,700	1,800	9,400	8,800
Holmes	44,500	39,900	2,400	2,300
Jefferson	2,200	2,200	1,000	*
Tuscarawas	7,500	6,800	3,100	3,100
District 6	87,000	83,000	27,600	26,200
Butler	34,200	32,000	1,900	1,800
Clermont	5,400	5,000	*	*
Clinton	97,400	97,000	2,800	2,700
Greene	65,600	65,000	2,900	3,100
Hamilton	1,500	1,500	*	*
Montgomery	20,100	19,500	1,200	1,200
Preble	88,600	83,000	2,500	2,400
Warren	20,200	19,000	1,400	1,700
District 7	333,000	322,000	13,900	14,200
Adams	16,500	15,500	1,500	1,300
Brown	14,200	10,200	*	*
Gallia	4,700	3,500	*	*
Highland	34,100	36,500	4,000	4,400
Jackson	7,000	6,800	*	*
Lawrence	*	*	*	*
Pike	10,500	10,000	*	*
Scioto	2,500	2,000	*	*
District 8	90,000	85,000	8,700	8,800
Athens	3,400	3,200	1,700	1,800
Guernsey	4,400	3,800	3,300	3,700
Hocking	2,600	2,400	2,100	2,400
Meigs	2,000	1,900	*	*
Monroe	2,000	1,900	1,400	1,200
Morgan	5,400	5,900	4,300	4,700
Muskingum	22,200	20,600	9,900	10,700
Noble	1,300	1,300	3,900	4,800
Perry	8,000	8,300	4,100	4,400
Vinton	3,300	3,200	*	*
Washington	7,400	7,500	2,200	2,500
District 9	62,000	60,000	34,000	37,400
STATE	2,150,000	2,050,000	260,000	260,000

*Counties with less than 1,000 head not published.

All hogs and sheep: Inventory and value, Ohio, 1980-82 1/

	Inventory			Value per head			Total value		
	1980	1981	1982	1980	1981	1982	1980	1981	1982
	Thousand head			Dollars			Million dollars		
Hogs	2,120	2,150	2,050	56.60	66.50	66.00	120.0	143.0	135.3
Sheep	320	310	313	65.50	67.50	57.00	21.0	20.9	17.8

1/January 1 for sheep; December 1, preceding year, for hogs.

Operations with hogs and sheep, Ohio, 1977-81

Year	All farms	Operations with	
		Hogs	Sheep
1977	97,000	23,000	9,500
1978	96,000	22,000	9,000
1979	96,000	24,000	8,500
1980	95,000	23,000	8,000
1981	94,000	20,000	7,900

Commercial slaughter: By month, Ohio, 1980-81 1/

Month	Cattle				Calves				Hogs				Sheep			
	Number of head		Average live wt.		Number of head		Average live wt.		Number of head		Average live wt.		Number of head		Average live wt.	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
	Thou.		Lb.		Thou.		Lb.		Thou.		Lb.		Thou.		Lb.	
Jan.	56.3	48.3	1,103	1,069	.4	.4	183	203	463.6	413.7	233	236	.8	1.3	103	97
Feb.	47.9	44.1	1,102	1,076	.4	.4	168	195	419.4	374.1	232	233	.8	.9	104	99
Mar.	49.9	53.1	1,086	1,079	.5	.4	165	214	452.8	423.0	232	233	1.7	1.2	94	99
Apr.	50.3	52.2	1,063	1,078	.5	.5	203	182	481.6	412.2	232	233	2.1	3.1	83	87
May	44.9	45.5	1,067	1,067	.4	.4	195	194	459.5	387.0	231	233	1.2	1.3	98	95
Jun.	46.2	47.1	1,069	1,056	.4	.3	193	200	424.7	378.0	232	232	1.3	1.5	94	96
Jul.	49.1	50.5	1,068	1,064	.3	.5	194	228	425.3	370.9	229	230	1.4	1.7	96	96
Aug.	46.3	54.4	1,056	1,056	.3	1.4	192	231	408.1	388.6	228	230	1.8	2.9	99	99
Sep.	57.6	57.2	1,053	1,060	.4	1.2	159	248	449.2	426.2	230	233	2.6	2.9	97	98
Oct.	59.6	55.7	1,067	1,060	.4	1.7	211	375	453.5	437.4	233	235	1.9	2.1	96	97
Nov.	48.0	50.6	1,064	1,065	.4	1.7	190	368	373.7	397.0	237	237	1.3	1.7	94	98
Dec.	49.5	52.6	1,068	1,065	.3	1.6	192	370	432.8	436.8	236	235	1.3	1.6	97	101
Total	605.5	611.3	1,072	1,066	4.7	10.6	186	293	5244.2	4844.8	232	233	18.4	22.3	95	96

1/Includes slaughter in federally inspected and in other slaughter plants, but excludes animals slaughtered on farms. Total may not add due to rounding.

Mink: Females bred and mink production, Ohio, 1977-81

Year	Standard	Pastel	Sapphire	Pearl	Violet type	Demi-buff 1/	Misc. Unclassified	Total	Number of ranches
	Thousand females bred								
1977	16.7	12.3	.65	3.0	1.8	-	1.35	35.8	
1978	16.7	12.6	1.00	2.8	1.8	-	.50	35.4	
1979	15.0	9.5	1.40	3.9	1.5	-	7.00	38.3	
1980	16.2	9.8	1.10	3.5	1.5	6.4	.8	39.3	
1981	17.1	8.9	.90	3.7	1.7	5.5	4.39	42.1	
	Thousand pelts produced 2/								
1977	39.2	39.2	1.1	9.5	4.5	19.9	3.6	117.0	34
1978	43.4	34.8	2.0	7.3	4.4	26.8	3.3	122.0	35
1979	49.6	28.1	3.1	7.9	4.3	26.7	2.3	122.0	39
1980	52.9	27.5	2.6	9.3	3.6	25.2	11.8	132.9	40

1/This color class includes females bred to produce demi-buff, dark brown, violet, pastel, standard and pearl crosses and others. 2/1981 not available. Estimates discontinued.

Bees: Honey and beeswax, production and value, Ohio, 1977-81

Year	Colonies of bees	Honey				Beeswax		
		Production		Value		Production	value	
		Per colony	Total	Per lb.	Total		Per lb.	Total
	1,000 colonies	lbs.	1,000 lbs.	Dollars	1,000 dols.	1,000 lbs.	Dollars	1,000 dols.
1977	97	26	2,522	.635	1,601	43	1.62	70
1978	89	35	3,115	.642	2,000	50	1.67	84
1979	83	31	2,573	.672	1,729	46	1.62	75
1980	82	30	2,460	.782	1,924	49	1.66	81
1981	85	22	1,870	.829	1,550	39	1.96	76

Chickens: Inventory by classes, Ohio and United States, December 1, 1979-81

	Ohio			United States		
	1979	1980	1981	1979	1980	1981
	Thousands					
Hens of laying age	2,700	3,500	3,900	120,140	122,038	128,229
Pullets of laying age	7,050	6,600	6,700	174,793	172,185	164,280
Pullets not of laying age, over 3 months old	1,050	1,150	1,625	50,186	47,183	42,102
Pullets under 3 months old	1,050	1,350	1,900	49,048	44,353	41,863
Other chickens	100	70	75	6,418	6,346	6,746
Total 1/	11,950	12,670	14,200	400,585	392,110	383,220
All chickens, value per head 2/	1.70	1.50	1.35	1.81	1.88	1.89
Total value 1/	20,315	19,005	19,170	726,365	738,646	724,714

1/Excludes commercial broilers. 2/Dollars per head.

Chickens: Inventory, disposition, income and number of farms 1/, Ohio, 1980-81

	Ohio		United States	
	1980	1981	1980	1981
	Thousands			
All chickens previous December 1	11,950	12,670	400,585	392,110
Lost 2/	1,020	1,500	44,421	40,548
Raised 3/	8,900	10,000	285,607	281,036
Home consumption	260	270	11,145	10,912
Sold	6,900	6,700	238,516	238,466
All chickens current December 1	12,670	14,200	392,110	383,220
Number produced 4/	7,880	8,500	241,186	240,488
Pounds produced	39,580	40,710	1,179,570	1,205,088
Pounds sold	35,880	34,170	1,166,949	1,185,181
Home consumption (pounds)	1,170	1,215	43,106	43,063
Price per pound (cents)	8.0	9.4	11.0	11.1
Value of production (dollars)	3,166	3,827	128,576	134,107
Cash receipts (dollars)	2,870	3,212	128,069	131,860
Value of home consumption (dollars)	94	114	4,692	4,652
Gross income (dollars)	2,964	3,326	132,661	136,512
Number of chicken farms	12.0	11.7	-	-

1/Data cover both farm and commercial operations but exclude commercial broilers. Total of sales, home consumption, losses and on hand end of year equals total number of raised and on hand beginning of year. 2/Loss during year of chickens on hand December 1. 3/Does not include young chickens lost. 4/Production is the quantity available for utilization during the year, i.e., sales plus home consumption, plus or minus the change in inventory.

Average number of layers on hand and eggs produced, Ohio, 1980-81

Month	Layers		Eggs per 100 layers		Eggs produced	
	1980	1981	1980	1981	1980	1981
	Thousands		Number		Millions	
December 1/	9,825	10,296	2,036	2,088	200	215
January	9,774	10,297	2,097	2,078	205	214
February	9,598	10,123	2,000	1,897	192	192
March	9,495	10,145	2,096	2,090	199	212
April	9,190	10,047	2,046	2,030	188	204
May	9,090	9,600	2,101	2,115	191	203
June	9,280	9,240	2,015	2,045	187	189
July	9,210	9,440	2,074	2,108	191	199
August	9,390	9,726	2,045	2,108	192	205
September	9,848	9,743	1,939	1,940	191	189
October	9,906	10,094	1,999	1,952	198	197
November	9,948	10,550	2,000	2,009	199	212
Total					2,333	2,431

1/December preceding year.

Eggs: Production, disposition, and income, Ohio and United States, 1980-81

	Ohio		United States	
	1980	1981	1980	1981
Eggs produced (Mil. eggs)	2,333	2,431	69,684	69,603
Home consumption (mil. eggs)	17	16	451	444
Eggs sold (Mil. eggs)	2,316	2,415	69,233	69,159
Price per dozen (cents)	49.0	58.0	56.3	63.1
Cash receipts (1,000 dollars)	94,570	116,725	3,247,069	3,639,880
Value of home consumption (1,000 dollars) 1/	694	773	20,657	22,853
Gross income (1,000 dollars)	95,264	117,498	3,267,726	3,652,733

1/Valued at same price as eggs sold.

Chickens: Number of operations with hens and pullets of laying age and percent, Ohio, December 1, 1980-81

	Hens and pullets of laying age											
	3,000-9,999		10,000-19,999		20,000-49,999		50,000-99,999		100,000 +		Total 3,000+	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Operations	91	79	59	40	37	41	21	16	18	20	226	196
% of HPLA	5	4	6	5	11	11	15	11	52	60	89	91

Broilers: Production and gross income, Ohio and United States, 1980-81 1/

	Ohio		United States 2/	
	1980	1981	1980	1981
Number produced (Thou. head)	14,550	12,800	3,964,452	4,149,200
Pounds produced (Thou. pounds)	55,290	51,200	15,543,785	16,513,904
Price per pound 3/ (cents)	28.5	26.5	27.7	28.5
Gross income 4/(Thou. dollars)	15,758	13,568	4,304,475	4,698,400

1/Broiler production including other meat-type breeds. Based on broilers hatched December 1, previous year through November 30, current year. 2/Excludes States producing less than 500,000 birds. 3/Live weight equivalent price. 4/Gross income includes home consumption.

Turkeys: Production and gross income, Ohio and United States, 1980-81

	Ohio		United States	
	1980	1981	1980	1981
Heavy breeds 1/ (Thou. head)	4/	4/	150,017	159,052
Light breeds 1/ (Thou. head)	4/	4/	14,726	11,631
Total 1/ (Thou. head)	2,320	2,500	164,743	170,683
Pounds produced 2/ (Thou. pounds)	50,112	54,750	3,068,508	3,260,462
Price per pound 3/ (cents)	43.0	38.0	41.3	38.2
Gross income (Thou. dollars)	21,548	20,805	1,268,301	1,246,313

1/Based on turkeys hatched September 1, previous year through August 31, current year. 2/Includes home consumption. 3/Live weight equivalent price. 4/Breakdown by breeds combined to avoid disclosing individual operations.

Turkey breeder hens: All breeds, December 1, Ohio and major States, 1979-81

	1979	1980	1981	1981 as percent of 1980
	Thousand head			Percent
OHIO	130	165	155	94
27 Major States	3,705	3,749	3,415	91

Chickens: Number of hens and pullets of laying age, December 1, Ohio, 1980-81

County & District	HPLA 1980	HPLA 1981
	Thousands	
Allen	260	300
Defiance	60	60
Fulton	220	270
Hancock	90	100
Henry	480	275
Lucas	120	225
Paulding	15	15
Putnam	850	600
Van Wert	120	100
Williams	100	85
Wood	85	70
District 1	2,400	2,100
Ashland	35	15
Crawford	50	100
Erie	20	105
Huron	50	35
Lorain	20	40
Ottawa	30	10
Richland	20	20
Sandusky	35	35
Seneca	50	70
Wyandot	50	20
District 2	360	450
Ashtabula	35	20
Columbiana	215	200
Cuyahoga	13	10
Geauga	10	10
Lake	5	15
Mahoning	100	100
Medina	10	20
Portage	20	80
Stark	90	50
Summit	20	25
Trumbull	32	20
Wayne	650	700
District 3	1,200	1,250
Auglaize	150	220
Champaign	30	10
Clark	20	15
Darke	1,530	1,600
Hardin	10	20
Logan	230	300
Mercer	1,650	1,750
Miami	75	75
Shelby	90	60
District 4	3,785	4,050
Delaware	3	2
Fairfield	165	150
Fayette	3	3
Franklin	9	10
Knox	31	25
Licking	44	610
Madison	10	10
Marion	45	45
Morrow	25	15
Pickaway	50	5
Ross	25	15
Union	890	910
District 5	1,300	1,800
Belmont	8	10
Carroll	58	55
Coshocton	6	5
Harrison	9	10
Holmes	120	120
Jefferson	9	10
Tuscarawas	80	90
District 6	290	300
Butler	10	10
Clermont	30	30
Clinton	5	5
Greene	10	10
Hamilton	10	10
Montgomery	60	60
Preble	15	15
Warren	110	120
District 7	250	260
Adams	10	10
Brown	5	5
Gallia	5	5
Highland	5	5
Jackson	5	8
Lawrence	105	30
Pike	45	22
Scioto	100	75
District 8	280	160
Athens	20	25
Guernsey	80	70
Hocking	20	17
Meigs	30	30
Monroe	10	13
Morgan	3	3
Muskingum	12	12
Noble	15	15
Perry	10	10
Vinton	10	20
Washington	25	15
District 9	235	230
STATE	10,100	10,600

Chickens: All chickens by crop reporting districts, December 1, Ohio, 1980-81

District	All chickens 1/ 1980	All chickens 1/ 1981
	Thousands	
1	3,150	2,600
2	550	600
3	1,600	1,500
4	4,600	4,900
5	1,500	3,400
6	300	330
7	280	270
8	350	300
9	340	300
STATE	12,670	14,200

1/Excludes commercial broilers.

Prices received by farmers: Selected commodities, by months, Ohio, 1980-81

Commodity and year	Unit	Jan.	Feb.	Mar.	Apr.	May	Jun.
				Dollars			
CORN							
1980	Bu.	2.49	2.48	2.42	2.42	2.48	2.57
1981	"	3.23	3.28	3.34	3.36	3.32	3.24
SOYBEANS							
1980	Bu.	6.39	6.30	6.00	5.70	5.84	5.99
1981	"	7.80	7.54	7.59	7.58	7.45	7.13
WHEAT							
1980	Bu.	4.09	4.16	3.79	3.75	3.68	3.69
1981	"	4.68	4.31	4.11	4.02	3.61	3.40
OATS							
1980	Bu.	1.52	1.66	1.52	1.63	1.74	1.75
1981	"	2.25	2.43	2.46	2.42	2.57	2.18
ALL HAY							
1980	Ton	48.00	49.50	47.00	45.00	46.50	49.50
1981	"	61.00	63.00	66.00	66.00	80.00	63.00
ALL POTATOES							
1980	Cwt.	4.70	5.00	5.00	5.35	5.60	-
1981	"	10.70	12.30	14.00			
HOGS							
1980	Cwt.	38.10	37.40	36.70	33.40	28.30	28.80
1981	"	41.60	42.50	39.50	40.00	42.70	47.60
CATTLE, ALL BEEF							
1980	Cwt.	57.30	57.40	57.40	55.30	55.20	57.10
1981	"	52.70	52.70	52.70	55.50	55.30	56.00
COWS							
1980	Cwt.	51.80	50.00	47.60	44.90	42.20	43.20
1981	"	40.60	42.70	41.10	41.70	42.50	42.30
STEERS & HEIFERS							
1980	Cwt.	61.60	63.40	63.60	59.80	59.50	62.10
1981	"	59.80	58.20	57.70	59.70	59.90	60.00
CALVES							
1980	Cwt.	82.30	92.00	81.20	78.90	76.40	84.90
1981	"	63.50	63.30	63.70	63.50	65.50	63.90
SHEEP							
1980	Cwt.	28.50	32.50	30.50	22.80	20.70	23.00
1981	"	26.20	26.80	30.40	21.50	22.20	23.50
LAMBS							
1980	Cwt.	67.60	63.90	68.40	64.90	66.20	66.60
1981	"	53.50	52.10	57.40	65.90	68.00	60.40
WOOL							
1980	Lb.	.750	.780	.780	.760	.680	.750
1981	"	.750	.760	.730	.680	.720	.760
TURKEYS							
1980	Lb.	.370	.360	.360	.320	.310	.320
1981	"	.400	.380	.400	.400	.410	.430
EGGS							
1980	Lb.	.490	.450	.480	.450	.380	.400
1981	"	.550	.530	.510	.570	.460	.480
ALL MILK							
1980	Cwt.	12.90	12.90	12.90	12.50	12.40	12.30
1981	"	14.20	14.20	14.00	13.60	13.40	13.30
MILK, FLUID MARKET							
1980	Cwt.	13.00	13.00	13.00	12.60	12.50	12.40
1981	"	14.40	14.30	14.10	13.70	13.60	13.40
MILK, MFG. GRADE							
1980	Cwt.	11.10	11.10	11.20	11.20	11.00	11.00
1981	"	12.20	12.20	12.30	12.10	11.90	11.80
MILK COWS 1/							
1980	Head	1,140.00	1,170.00	1,150.00	1,200.00	1,190.00	1,190.00
1981	"	1,250.00	1,280.00	1,250.00	1,230.00	1,240.00	1,240.00

Prices received by farmers: Selected commodities, by months, Ohio, 1980-81 (cont-d)

Commodity and year	Unit	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
				Dollars			
CORN							
1980	Bu.	2.87	3.12	3.15	3.02	3.14	3.22
1981	"	3.23	2.88	2.60	2.61	2.37	2.36
SOYBEANS							
1980	Bu.	6.97	7.28	7.74	7.79	8.24	7.92
1981	"	7.21	6.85	6.36	6.22	6.15	6.08
WHEAT							
1980	Bu.	3.94	4.09	4.25	4.47	4.68	4.54
1981	"	3.54	3.52	3.67	3.76	3.87	3.74
OATS							
1980	Bu.	1.61	1.62	1.72	1.79	1.83	2.15
1981	"	2.02	2.00	2.18	1.99	2.10	2.29
ALL HAY							
1980	Ton	44.50	48.00	54.50	57.50	62.50	64.00
1981	"	55.00	88.00	66.00	79.00	105.00	109.00
ALL POTATOES							
1980	Cwt.	11.20	8.70	5.60	6.20	6.70	9.40
1981	"	8.10	7.00	5.95	6.10	6.80	7.75
HOGS							
1980	Cwt.	34.20	41.70	47.10	47.10	48.20	45.90
1981	"	50.40	50.80	49.60	45.50	43.60	40.60
CATTLE, ALL BEEF							
1980	Cwt.	57.00	58.60	58.30	56.20	53.90	53.60
1981	"	54.20	52.80	51.80	48.20	47.40	45.90
COWS							
1980	Cwt.	42.10	44.90	44.50	43.30	42.10	41.20
1981	"	42.10	41.60	39.90	36.80	36.10	34.40
STEERS & HEIFERS							
1980	Cwt.	62.80	65.10	64.40	62.70	60.30	60.70
1981	"	59.30	58.10	58.00	55.00	54.80	52.80
CALVES							
1980	Cwt.	83.90	75.50	72.90	66.60	62.30	59.70
1981	"	57.40	58.00	54.40	49.40	49.50	47.90
SHEEP							
1980	Cwt.	21.60	23.90	24.80	25.40	29.70	24.60
1981	"	19.10	20.90	18.50	19.00	22.30	24.60
LAMBS							
1980	Cwt.	63.10	63.70	61.30	60.90	56.20	56.90
1981	"	55.00	50.10	45.90	46.60	44.30	44.60
WOOL							
1980	Lb.	.740	.720	.730	.750	.780	.760
1981	"	.720	.680	.680	.720	.660	.670
TURKEYS							
1980	Lb.	.410	.430	.470	.510	.510	.460
1981	"	.430	.420	.400	.310	.340	.330
EGGS							
1980	Doz.	.440	.530	.570	.510	.580	.672
1981	"	.530	.520	.600	.580	.680	.565
ALL MILK							
1980	Cwt.	12.30	12.60	13.20	13.70	14.10	14.40
1981	"	13.20	13.40	13.90	14.20	14.20	14.40
MILK, FLUID MARKET							
1980	Cwt.	12.40	12.80	13.40	13.90	14.30	14.60
1981	"	13.30	13.50	14.10	14.40	14.40	14.60
MILK, MFG. GRADE							
1980	Cwt.	11.00	11.10	11.30	11.80	12.00	12.20
1981	"	11.90	11.90	12.00	12.20	12.30	12.40
MILK COWS 1/							
1980	Head	1,240.00	1,200.00	1,180.00	1,170.00	1,170.00	1,140.00
1981	"	1,200.00	1,200.00	1,180.00	1,170.00	1,170.00	1,140.00

1/For milk herd replacement.

Average prices: Selected commodities, Ohio, 1980-81 1/

Commodity	Unit	1980	1981	Commodity	Unit	1980	1981
		Dollars				Dollars	
Corn for grain	Bu.	3.13	2.50	Hogs	Cwt.	38.10	44.60
Soybeans	"	7.66	6.20	Cattle	"	56.40	52.00
Wheat	"	4.06	3.55	Cows	"	45.00	39.70
Oats	"	1.85	2.10	Steers and heifers	"	62.10	57.80
All hay	Ton	58.50	85.50	Calves	"	72.30	56.50
Barley	Bu.	2.10	2/	Sheep	"	25.30	22.40
Rye	"	2.25	3.70	Lambs	"	62.60	53.00
Popcorn (shelled)	Cwt.	9.80	12.60	Wool	Lb.	.750	.720
Red clover seed	"	49.00	55.00	Farm chickens	"	.080	.094
Timothy seed	"	45.00	23.00	Com'l broilers 3/	"	.285	.265
Tobacco - all	Lb.	1.590	1.713	Turkeys	"	.430	.380
Burley	"	1.660	1.792	Eggs	Doz.	.490	.580
Other (42-44)	"	1.070	1.050	Milk, whsl., all	Cwt.	13.00	13.80
All potatoes	Cwt.	7.65	6.90	Milk eligible for fluid market	"	13.10	14.00
Sugar beets	Ton	46.20	4/	Milk, mfg. grade	"	11.30	12.10
Apples	Lb.	.147	.201	Milk cows 5/	Head	1,210	1,210
Peaches	"	.249	.310	Maple sirup	Gal.	16.60	18.20
Grapes	Ton	173	188				

1/ Crops, season average price; chickens and hogs, December-November season average price; other items, annual average price. 2/Discontinued. 3/Live weight equivalent price. 4/Not available. 5/For milk herd replacement.

Prices received indexes. By commodity groups, Ohio, 1979-81

Month	All farm products			Livestock & products 1/			All crops 2/		
	1979	1980	1981 3/	1979	1980	1981 3/	1979	1980	1981 3/
	1977=100								
January	119	117	133	134	126	131	105	110	136
February	123	117	133	138	125	130	109	109	135
March	124	114	132	139	123	127	111	105	136
April	123	109	133	135	116	129	112	103	136
May	125	110	132	135	114	130	115	105	134
June	124	113	131	129	120	133	120	108	130
July	125	123	131	125	126	133	125	121	129
August	122	130	126	124	133	133	120	126	119
September	122	133	124	128	136	133	117	130	115
October	117	132	121	125	136	129	110	129	113
November	116	135	119	127	136	129	107	135	110
December	120	135	118	131	137	126	110	134	111

1/Also includes a wool price index. 2/Includes indexes for fruit, potatoes, vegetables and cash crops. 3/1981 preliminary figures.

Prices paid for feed, by months, Ohio, 1980-82

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
					Hog feed, 14-18% protein, per cwt.							
1980	9.60	9.60	9.70	9.50	10.00	9.90	10.00	10.50	11.00	11.00	12.00	11.50
1981	12.00	12.00	11.00	11.30	11.50	12.00	11.00	11.00	11.00	11.00	10.50	10.00
1982	10.00	10.50	11.00	10.70	10.70							
					Hog concentrate, 38-42% protein, per cwt.							
1980	14.00	14.50	14.50	14.00	14.00	14.20	14.50	15.50	16.00	17.00	18.50	17.50
1981	17.30	17.50	16.50	16.80	17.00	16.50	16.50	16.70	16.30	15.50	15.40	15.50
1982	15.40	15.60	15.40	15.50	15.50							
					Beef cattle concentrate, 32-36% protein, per cwt.							
1980	12.00	12.00	12.00	12.00	11.50	12.00	12.00	13.00	13.00	13.50	14.50	14.50
1981	14.50	14.50	14.00	14.00	14.50	14.00	14.00	13.50	13.50	13.50	13.50	13.50
1982	13.40	13.70	13.70	13.50	14.00							
					Dairy feed, 16% protein, per ton							
1980	175	176	179	170	178	187	174	197	200	200	220	210
1981	205	215	190	198	200	205	198	190	196	197	186	183
1982	179	180	178	176	186							
					Dairy feed, 32% protein, per ton							
1980	255	255	250	235	240	245	260	255	280	285	305	300
1981	295	310	285	285	290	300	285	285	285	270	265	270
1982	270	270	275	270	275							
					Laying feed, per ton							
1980	173	172	182	170	167	175	172	167	190	200	210	200
1981	205	210	210	210	210	220	215	210	210	215	198	193
1982	185	190	191	190	200							
					Turkey grower, per ton							
1980	180	180	200	190	191	200	200	210	240	230	240	215
1981	220	220	250	255	250	255	250	235	240	240	235	230
1982	220	220	220	220	230							

Feed price ratios, by months, Ohio, 1980-82

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
					Egg-feed ratio 1/							
1980	6.1	5.8	5.5	5.7	4.6	4.5	5.2	6.3	6.0	5.1	5.5	6.7
1981	5.4	4.7	4.6	4.9	4.7	4.3	4.4	4.5	4.7	4.8	6.0	5.9
1982 4/	6.1	5.8	6.2	5.7	4.1							
					Hog-corn ratio 2/							
1980	15.0	14.8	13.8	11.7	11.6	13.3	14.5	15.1	15.0	16.0	14.6	13.9
1981	12.9	13.0	11.8	11.9	12.9	14.7	15.6	17.6	19.1	17.4	18.4	17.2
1982 4/	17.3	20.4	20.0	20.5	21.9							
					Milk-feed ratio 3/							
1980	1.46	1.47	1.44	1.47	1.39	1.32	1.41	1.28	1.32	1.37	1.28	1.37
1981	1.39	1.31	1.46	1.37	1.34	1.29	1.33	1.40	1.42	1.44	1.53	1.57
1982 4/	1.58	1.57	1.56	1.52	1.43							

1/Pounds of feed equal in value to 1 dozen eggs, 2/Bushels of corn equal in value to 100 pounds of hog, live weight. 3/Pounds of 16% dairy feed equal in value to 1 pound of whole milk. 4/1982 data are preliminary.

Prices paid for fuels: By months, Ohio, 1980-82

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
					Gasoline, service station, (unleaded), per gallon							
1980	1.09	1.14	1.18	1.20	1.21	1.22	1.22	1.22	1.21	1.21	1.22	1.23
1981	1.26	1.36	1.38	1.37	1.36	1.34	1.34	1.35	1.36	1.35	1.36	1.36
1982	1.35	1.33	1.28	1.22	1.23							
					Gasoline, bulk delivery, (leaded regular), per gallon							
1980	1.05	1.11	1.15	1.15	1.15	1.17	1.17	1.16	1.15	1.15	1.16	1.16
1981	1.21	1.30	1.32	1.31	1.30	1.29	1.30	1.29	1.30	1.30	1.30	1.30
1982	1.29	1.26	1.21	1.16	1.19							
					Diesel fuel, per gallon							
1980	.93	.95	.97	.96	.95	.97	.96	.97	.95	.96	.97	1.02
1981	1.10	1.20	1.23	1.22	1.20	1.19	1.18	1.17	1.17	1.17	1.17	1.19
1982	1.19	1.18	1.11	1.07	1.09							
					L.P. gas, bulk delivery, per gallon (United States)							
1980	.58	.60	.61	.61	.62	.62	.62	.62	.62	.63	.64	.66
1981	.67	.71	.70	.70	.70	.70	.70	.70	.70	.70	.71	.71
1982	.71	.70	.67	.66	.66							

Balance sheet of the farming sector, Ohio and United States, January 1, 1980-81 1/

Item	Ohio		United States	
	1980	1981 2/	1980	1981 2/
		Thousands		
Farms	95	94	2,430	2,428
Assets	Million dollars		Billion dollars	
Total farm assets	30,426.6	31,651.4	902.0	980.1
Real estate 3/	23,835.5	24,561.3	691.7	758.9
Livestock and poultry 4/	1,221.6	1,193.1	61.4	60.9
Machinery and motor vehicles 5/	3,447.0	3,641.7	90.8	96.6
Crops 6/	1,114.4	1,351.9	33.5	36.4
Financial assets	808.1	903.4	24.6	27.3
Claims				
Total farm debt	3,825.0	4,254.8	146.9	162.5
Real estate debt 7/	2,147.6	2,389.0	75.5	84.1
Nonreal estate debt 8/	1,639.4	1,773.8	67.0	74.1
CCC loans 9/	38.0	92.0	4.5	4.4
Equity	26,601.6	27,396.6	755.1	817.5
Ratios		Ratio		
Equity/assets	87.4	86.6	84	83
Debt/equity	14.4	15.5	19	20
Debt/assets, total	12.6	13.4	16	17
Debt/assets, real estate	9.0	9.7	11	11
Debt/assets, nonreal estate and CCC	25.4	26.3	34	35
Returns to operator/total debt	2.3	N/A	10	N/A

1/Data are for farms with sales of $1,000 or more annually. 2/Preliminary. 3/Excludes value of operator dwellings. 4/Excludes horses, mules and broilers. 5/Includes only farm share value for trucks and autos. 6/All crops held on farms including crops under CCC and crops held off farms by farm operators. 7/Excludes debt on operator dwellings. 8/Excludes debt for nonfarm purposes. 9/Nonrecourse Commodity Credit Corporation (CCC) loans secured by crops, and storage and drying facilities owned by farmers.

Source: Economic Indications of the Farm Sector, Income and Balance Sheet Statistics, 1980, USDA, ERS.

Farm income statement of U.S. and Ohio agriculture, 1979 and 1980

Item	Ohio		United States 1/	
	1979	1980 2/	1979	1980 2/
	Million dollars			
Farm Income				
Gross farm income:				
Cash receipts from farm marketings	3,366.2	3,767.7	131,916	136,431
Government payments to farm operators and landlords	10.6	9.4	1,375	1,286
Home consumption of farm products	34.0	32.1	1,234	1,154
Rental value of farm dwellings	587.5	660.6	9,916	11,424
Other farm income 3/	54.1	56.4	2,129	2,217
Total realized gross farm income	4,052.4	4,526.2	146,570	152,512
Production costs:				
Feed bought	324.6	331.8	17,101	18,474
Livestock bought, except horses and mules	108.9	91.8	12,687	10,523
Seed bought 4/	127.3	146.4	3,400	3,912
Fertilizer and lime bought	310.5	406.7	6,965	8,865
Repairs and operation of capital items 5/	487.7	565.7	13,794	16,367
Wages for hired labor (cash and perquisites) 6/	262.5	274.4	9,258	10,343
Miscellaneous 7/	580.0	635.9	20,976	23,212
Total current farm operating expenses	2,201.5	2,452.7	84,181	91,697
Depreciation and other consumption of farm capital 8/	854.8	953.3	19,677	21,775
Taxes on farm property	129.7	141.7	3,823	4,062
Interest on mortgage debt	198.0	221.1	6,149	7,309
Net rent and government payments to nonoperator landlords 9/	170.0	234.2	5,388	5,814
Total production expenses	3,554.1	4,003.0	119,217	130,656
Net farm income before inventory adjustment	498.4	523.2	27,352	21,856
Net change in farm inventories	327.7	-41.0	5,345	-1,997
Total net farm income after inventory adjustment	826.1	482.2	32,697	19,860
Number of farms (thousand)	96	95	2,430	2,428
Total gross farm income per farm (dollars)	42,213	47,644	60,318	62,818
Total net farm income per farm (dollars) 10/	8,605	5,076	13,456	8,180
	Percent			
Net farm income as percent of gross 10/	20.4	10.7	22.3	13.0
Net farm income as percent of previous year 10/	143.4	58.4	123.9	60.7

1/Includes Alaska and Hawaii. 2/Preliminary. 3/Machine hire and custom work and recreational income. 4/Includes bulbs, plants, and trees. 5/Repairs and maintenance of buildings, repairs, and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business. 6/Includes cash wages, perquisites, and (1951 to date) social security taxes paid by employers. 7/Includes binding, Federal crop insurance, containers, dairy supplies, electricity, greenhouse and nursery, grazing fees, harness and saddlery, net insurance premiums (fire, wind, and crop hail), irrigation, livestock marketing service (excluding feed and transportation), milk hauling, miscellaneous hardware (including blacksmithing), machine hire and custom work, miscellaneous livestock and poultry supplies, pesticides, small handtools, short-term interest, telephones (business share), vet. services and medicines (plus insemination) and other miscellaneous. 8/Includes depreciation and accidential damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment. 9/After subtracting taxes, mortgage interest and other expenses paid by landlords. 10/Net farm income after inventory adjustment.

Source: Economic Indicators of the Farm Sector, State, Income and Balance Sheet Statistics, 1980, Statistical Bulletin Number 678, USDA, ERS. The 1980 Ohio cash receipts in that bulletin are slightly different than printed above. The correct Ohio total is $3,767.7 million as printed above.

Federal Land Bank, Production Credit Assn., and operating bank loans, Ohio, 1960-81

Year	Federal Land Bank loans: Loans made previous year: Number	Federal Land Bank loans: Loans made previous year: Dollars	Federal Land Bank loans: Loans outstanding January 1: Number	Federal Land Bank loans: Loans outstanding January 1: Dollars	Production Credit Association: Members having outstanding loans Jan. 1	Production Credit Association: Loans made previous year	Production Credit Association: Loans outstanding Jan. 1	All operating banks: Amount of ag. loans outstanding: Farm real estate Jan. 1	All operating banks: Amount of ag. loans outstanding: Non-real estate fm. loans Jan. 1
		Thou.		Thou.			Thousand dollars		
1960	1,798	19,999	9,964	78,554	18,374	99,013	76,227	85,571	113,436
1961	1,276	17,789	10,282	87,333	18,005	98,478	79,308	89,512	114,774
1962	1,379	22,696	10,485	97,414	17,795	101,459	82,666	92,312	118,730
1963	1,325	22,486	10,610	105,659	17,899	113,631	90,178	105,307	124,910
1964	1,313	22,710	10,567	112,599	18,215	123,398	97,320	120,299	133,108
1965	1,553	31,291	10,676	125,525	18,393	132,676	103,418	135,993	139,522
1966	1,747	43,463	10,894	144,639	18,782	148,375	114,854	146,802	149,255
1967	1,752	50,118	11,163	170,193	18,781	166,496	128,703	155,975	161,815
1968	1,458	43,113	11,399	192,754	19,024	181,039	150,221	172,393	177,308
1969	993	27,690	11,296	200,125	18,482	188,848	153,064	187,752	183,003
1970	982	31,843	11,322	212,156	17,906	199,702	160,585	199,762	186,072
1971	867	19,444	11,425	215,335	17,535	218,619	177,901	212,593	191,559
1972	1,108	39,667	11,257	226,696	18,859	273,468	220,081	237,745	218,460
1973	1,235	50,579	11,049	243,037	20,459	324,766	270,107	267,294	224,868
1974	1,630	84,557	11,207	287,232	21,678	422,422	335,314	299,209	264,811
1975	2,174	121,971	12,033	364,312	22,860	490,636	396,787	322,311	276,260
1976	2,801	155,460	18,630	450,444	24,490	585,190	473,957	329,725	315,264
1977	1,975	183,461	13,021	543,961	26,067	697,394	557,697	376,627	347,070
1978	2,513	202,488	13,210	655,480	27,516	821,799	661,281	432,006	409,638
1979	2,114	235,726	13,669	786,911	28,602	960,854	763,858	448,863	453,579
1980	2,319	279,756	14,386	946,856	29,129	1,098,894	866,711	456,931	481,570
1981	2,029	260,400	15,179	1,104,292	28,879	1,189,569	903,291	470,139	474,333

Source: Agricultural Statistics, 1960-81

Farm real estate debt - amount outstanding by lender, Ohio, 1960-81

Year	Farm real estate debt - amount held Jan. 1: Federal Land Banks	Life Insurance companies	Farmers Home Administration	All banks	Individual and others	Total farm real estate debt	Farm non real estate debt outstanding January 1, total institutions and banks
				Thousand dollars			
1960	78,554	78,993	8,242	85,571	132,791	384,151	197,764
1961	87,333	82,733	8,811	89,512	140,192	408,581	201,957
1962	97,414	86,310	11,562	92,312	150,108	437,706	210,083
1963	105,659	91,869	12,894	105,307	163,570	479,299	224,667
1964	112,599	98,903	14,277	120,299	181,030	527,108	239,805
1965	125,525	110,157	15,664	135,993	203,453	590,792	251,959
1966	144,639	118,094	18,262	146,802	226,622	654,419	273,574
1967	170,193	122,499	20,291	155,975	240,031	708,989	300,837
1968	192,754	126,500	22,508	172,393	257,987	772,142	338,009
1969	200,125	125,000	25,084	187,752	287,553	825,514	347,038
1970	212,156	110,300	27,842	199,762	309,845	859,905	357,915
1971	215,335	103,900	29,808	212,593	321,867	883,503	380,673
1972	226,696	97,500	31,941	237,745	337,398	931,280	451,750
1973	243,037	92,600	34,045	267,294	380,113	1,017,089	508,736
1974	287,232	89,600	36,186	299,209	450,212	1,162,439	616,103
1975	364,312	88,700	39,256	322,311	479,331	1,293,910	691,811
1976	450,444	89,500	42,154	329,725	529,111	1,440,934	807,677
1977	543,961	102,900	44,014	376,627	588,869	1,656,371	923,042
1978	655,480	135,200	47,713	432,006	651,657	1,922,056	1,091,326
1979	786,911	191,600	54,224	448,863	672,744	2,154,342	1,261,563
1980	946,856	252,400	101,893	456,931	706,296	2,464,376	1,417,741
1981	1,104,292	298,000	115,132	470,139	750,479	2,738,042	1,481,960

Source: Agricultural Finance Statistics 1960-75; Agricultural Statistics 1976-81.

PROFILE OF OHIO AGRICULTURE 1981 1/

Commodity	Unit	Ohio Rank	Ohio Prod. or inventory 2/	Ohio Value of production	Leading State	Leading State Prod. or inventory	Leading State Value of production
			Thousands			Thousands	
Field Crops							
Corn for grain	Bu.	7	360,000	882,000	Iowa	1,739,900	4,088,765
Oats	Bu.	10	17,010	34,871	Minnesota	90,090	162,162
Wheat, winter	Bu.	12	72,600	264,990	Kansas	305,000	1,159,000
Rye	Bu.	21	150	488	South Dakota	3,220	9,016
Soybeans	Bu.	6	99,750	648,375	Illinois	354,540	2,304,510
Hay, all	Ton	17	3,473	265,[illegible]	Wisconsin	11,055	652,245
Popcorn	Lb.	5	44,060	5,552	Nebraska	308,000	40,040
Sugar beets	Ton	14	274	3/	California	7,020	3/
Potatoes, all	Cwt.	20	2,073	14,347	Idaho	80,040	364,182
Tobacco: Burley (31)	Lb.	5	20,406	36,568	Kentucky	482,870	873,995
Other (42-44)	Lb.	1	2,448	2,570	Ohio	2,448	2,570
Red clover seed	Lb.	8	700	385	Oregon 6/	6,300	4,725
Timothy seed	Lb.	2	960	221	Minnesota 6/	15,500	3,178
Vegetables, Fresh, Total 4/	Cwt.	16	2,398	31,226	California	122,692	1,614,114
Sweet corn	Cwt.	4	975	11,993	Florida	4,664	53,703
Cabbage	Cwt.	14	330	2,297	Texas	4,389	34,834
Escarole/endive	Cwt.	3	50	1,875	Florida	725	11,209
Lettuce	Cwt.	13	61	2,617	California	46,390	438,596
Tomatoes	Cwt.	15	189	5,424	Florida	10,711	252,347
Vegetables, Processing, Total 5/	Ton	7	349	34,888	California	5,110	343,710
Cabbage for kraut	Ton	3	31	1,160	Wisconsin	92	3,164
Tomatoes for processing	Ton	2	253	21,615	California	4,903	303,508
Cucumbers for pickles	Ton	3	64	12,030	Michigan	101	13,601
Fruit							
Apples	Lb.	12	100,000	20,100	Washington	2,700,000	299,700
Grapes	Ton	7	10	1,936	California	3,964	1,118,881
Peaches	Lb.	29	2,000	620	California	1,643,000	169,267
Strawberries	Cwt.	7	80	4,160	California	5,396	223,557
Poultry and Poultry Products							
Chickens, total inv., Dec. 1, 1981	Head	10	14,200	-	California	42,150	-
Chickens - production	Lb.	10	40,710	3,827	Arkansas	122,680	13,740
Broilers - production	Lb.	22	51,200	13,568	Arkansas	2,497,907	711,904
Turkey production	Lb.	16	54,750	20,805	North Carolina	469,000	178,220
Egg production, Dec. 1980-Nov. 1981	000 eggs	10	2,431	117,498	California	8,400	398,300
Livestock							
Hogs & pigs inv., Dec. 1, 1981	Head	7	2,050	-	Iowa	16,300	-
Hogs & pigs production (live wt.)	Lb.	9	668,813	295,792	Iowa	5,667,090	2,456,043
All cattle & hogs inv. Jan. 1, 1982	Head	24	1,900	-	Texas	13,700	-
Cattle & Calves production (live wt.)	Lb.	20	600,650	314,613	Texas	5,374,950	3,354,132
Beef cows inv., Jan. 1, 1982	Head	30	388	-	Texas	5,925	-
Milk cows inv., Jan. 1, 1982	Head	8	382	-	Wisconsin	1,830	-
Sheep & lamb inv., Jan. 1, 1982	Head	14	313	-	Texas	2,500	-
Sheep & lamb production (live wt.)	Lb.	14	19,514	9,521	Texas	106,650	51,898
Livestock Products							
Milk production 1981	000 lb.	7	4,385	-	Wisconsin	22,705	-
All cheese 1980	Lb.	9	95,166	-	Wisconsin	1,484,251	-
Swiss cheese 1980	Lb.	3	37,262	-	Illinois	52,206	-
American type 1980	Lb.	13	35,111	-	Wisconsin	993,926	-
Lowfat cottage cheese 1980	Lb.	4	14,691	-	California	49,882	-
Creamed cottage cheese 1980	Lb.	4	63,187	-	New York	117,732	-
Cottage cheese curd 1980	Lb.	3	49,391	-	New York	105,778	-
Ice cream 1980	Gal.	4	49,020	-	California	90,714	-
Butter 1980	Lb.	8	27,028	-	Wisconsin	289,178	-

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Commodity	Unit	Ohio Rank	Ohio Prod. or 2/ inventory	Ohio Value of production	Leading State	Leading State Prod. or inventory	Leading State Value of production
			Thousands			Thousands	
Cattle slaughtered	Head	14	611.3	-	Nebraska	5,919.7	-
Hogs slaughtered	Head	5	4,844.8	-	Iowa	24,154.5	-
Calves slaughtered	Head	20	10.6	-	New York	635.8	-
Sheep & lambs slaughtered	Head	17	22.3	-	California	1,178.9	-
Mink pelt production 1980	Pelt	9	132.9	-	Wisconsin	997.1	-
Wool	Lb.	13	2,325	1,674	Texas	20,900	25,080
Miscellaneous							
Maple sirup	Gal.	5	100	1,820	Vermont	545	9,810
Honey	Lb.	27	1,870	1,550	Florida	24,120	12,952
Grape products	Ton	6	10.1	-	California	3,473.0	-
Number of farms 1981	No.	8	94	-	Texas	186	-
1982 (preliminary)	No.	8	93	-	Texas	186	-
Bedding plants (vegetable type)	Flat	2	1,456	6,523	Michigan	1,586	6,185
Bedding plants (flowering & foliage)	Flat	3	3,259	15,252	California	5,251	27,935
Potted geraniums	Pot	1	8,644	7,002	Ohio	8,644	7,002
Fertilizer consumption (July 1980-June 1981)	Ton	7	2,424.6	-	Illinois	4,258.4	-

1/Data reported for 1981 unless noted otherwise in stub heading. 2/Thousands unless otherwise in stub heading. 3/Not available at time of publication. 4/Includes small quantity of processing carrots. 5/Excludes small quantity of processing carrots.

Index numbers of crop and livestock production, Ohio, 1972-81 (1977=100)

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Crops:										
Feed grains	76	66	72	84	104	100	100	109	115	94
Food grains	64	36	82	98	88	100	58	88	93	100
Soybeans	65	75	67	84	78	100	105	119	111	82
Other field crops	123	88	109	107	151	100	91	100	121	101
Seed crops and hay	88	93	86	101	100	100	109	102	101	97
Vegetables, all	103	136	94	103	109	100	100	95	76	78
Fruit	161	142	191	223	169	100	180	156	240	138
Total crops	82	75	80	92	103	100	98	108	112	92
Livestock & livestock products:										
Meat animals	121	105	102	105	110	100	93	111	103	102
Poultry & poultry products	115	104	105	105	101	100	113	111	110	114
Milk	103	96	95	96	100	100	96	96	97	98
Wool	152	138	129	111	105	100	85	78	70	71
Honey & beeswax	104	113	121	122	101	100	123	102	96	73
Total livestock & products	112	101	100	101	105	100	97	104	101	102
Total, all commodities	92	83	86	95	104	100	98	107	109	95

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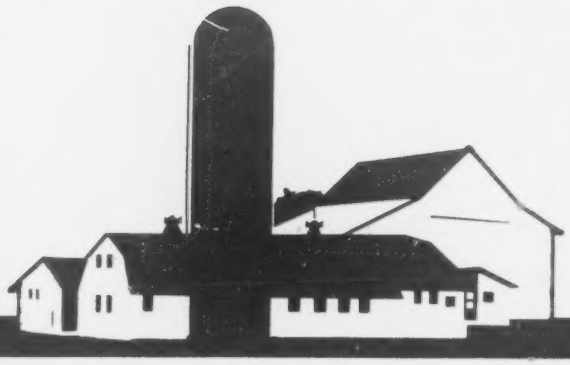

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